

Model 266GDH Gauge Model 266ADH Absolute

Engineered solutions for all applications

Measurement made easy



Base accuracy

- from 0.06 % of calibrated span

Reliable sensing system coupled with very latest digital technologies

- provides large turn down ratio up to 60:1

Comprehensive sensor choice

- optimize in-use total performance and stability

Flexible configuration facilities

- provided locally via local LCD keypad

New TTG (Through-The-Glass) keypad technology

- allows quick and easy local configuration without opening the cover, even in explosion proof environments

IEC 61508 certification

- version for SIL2 (1oo1) and SIL3 (1oo2) applications

PED compliance

- Sound Engineering Practice (SEP)

Model 266GDH Gauge

Model 266ADH Absolute

General description

Model 266xx detailed in this data sheet apply for those transmitters which include on high pressure measuring side, a direct mount seal which is integral to the transducer by a short capillary connection inside a protective rigid tube. This construction forms a standalone single assembly suitable to be mounted to the process by the seal mounting facilities. Model 266GDH and 266ADH have the direct mount seal on the positive side, respectively with the reference at atmospheric or vacuum pressure, for gauge or absolute measurements.

Refer to S26 seals data sheet for additional data and details relevant to seal element. The following table list the types of standard seal which can be mounted with 266xD transmitters (the mnemonic is used as reference in the compatibility table).

Seal model	Seal type	Seal diaphragm size	Mnemonic
S26FA S26FE	Flanged flush diaphragm (ASME and EN standards; fixed and rotating flange)	2 in. / DN 50	P2 - F2 if low thickness
		3 in. / DN 80	P3 - F3 if low thickness
		4 in. / DN 100	P3 - F3 if low thickness
S26RA S26RE	Flanged extended diaphragm (ASME and EN standards; fixed and rotating flange)	2 in. / DN 50	E2 - F1.5 if fixed flange
		3 in. / DN 80	E3 - F2.5 if fixed flange
		4 in. / DN 100	P3 - F2.5 if fixed flange
S26RJ	Flanged flush diaphragm (JIS standards; only rotating flange)	A 50	P2
		A 80	P3
		A 100	P3
S26RR	Flanged flush diaphragm (Ring Joint ASME standards; rotating flange)	1.5 in.	P1.5
		2 in.	P2
		3 in.	P3
S26TT	Threaded off-line flanged	2 1/2 in.	T 2.5
S26MA S26ME	Off-line flanged (ASME and EN standards)	2 1/2 in.	T 2.5
S26SS	Beverage	1 1/2 in.	K 1.5
	Union nut, Triclamp, Sanitary, Aseptic	2 in. / F50	S2
		3 in. / 4 in. / F80	S3
	Cherry Burrel	2 in.	S2.5
		3 in. / 4 in.	S3.5
S26VN	Saddle and Socket	2 1/2 in.	P1.5
S26JN	In-line type (ONLY DIRECT MOUNT)	1 in.	J1
		1 1/2 in.	J1.5
		2 in.	J2
		3 in.	J3

Functional Specifications

Range and span limits

Sensor Code	Upper Range Limit (URL)	Lower Range Limit (LRL)		Minimum span		Compatibility (allowed seal)
		266GDH gauge	266ADH absolute	266GDH	266ADH	
F	40 kPa	–40 kPa	0.07 kPa abs (§)	0.67 kPa	2 kPa	P2, P3, F2, F3
	400 mbar	–400 mbar	0.7 mbar abs (§)	6.7 mbar	20 mbar	E3, F2.5, T2.5,
	160 inH2O	–160 inH2O	0.5 mmHg (§)	2.67 inH2O	15 mmHg	S2, S2.5, S3, S3.5
L	250 kPa	0.07 kPa abs (§)	0.07 kPa abs (§)	4.17 kPa	12.5 kPa	P1.5, P2, P3, F2, F3,
	2500 mbar	0.7 mbar abs (§)	0.7 mbar abs (§)	41.7 mbar	125 mbar	E2, E3, F1.5, F2.5, T2.5,
	1000 inH2O	0.5 mmHg (§)	0.5 mmHg (§)	16.7 inH2O	93.8 mmHg	S2, S2.5, S3, S3.5
D	1000 kPa	0.07 kPa abs (§)	0.07 kPa abs (§)	16.7 kPa	50 kPa	P1.5, P2, P3, F2, F3, E2, E3,
	10 bar	0.7 mbar abs (§)	0.7 mbar abs (§)	167 mbar	500 mbar	F1.5, F2.5, T2.5, S2, S2.5,
	145 psi	0.5 mmHg (§)	0.5 mmHg (§)	2.42 psi	7.25 psi	S3, S3.5 J1, J1.5, J2, J3
U	3000 kPa	0.07 kPa abs (§)	0.07 kPa abs (§)	50 kPa	150 kPa	P1.5, P2, P3, F2, F3, E2, E3,
	30 bar	0.7 mbar abs (§)	0.7 mbar abs (§)	500 mbar	1.5 bar	T2.5, F1.5, F2.5, S2, S2.5,
	435 psi	0.5 mmHg (§)	0.5 mmHg (§)	7.25 psi	21.8 psi	S3, S3.5, J1, J1.5, J2, J3
R	10000 kPa	0.07 kPa abs (§)	0.07 kPa abs (§)	167 kPa		P1.5, P2, P3, F2, F3, E2, E3,
	100 bar	0.7 mbar abs (§)	0.7 mbar abs (§)	1.67 bar		T2.5, F1.5, F2.5, S2, S2.5,
	1450 psi	0.5 mmHg (§)	0.5 mmHg (§)	24.2 psi		S3, S3.5 J1, J1.5, J2, J3
V	60000 kPa	0.07 kPa abs (§)	0.07 kPa abs (§)	1000 kPa		P1.5, P2, P3,
	600 bar	0.7 mbar abs (§)	0.7 mbar abs (§)	10 bar		F2, F3, F1.5, F2.5, T2.5,
	8700 psi	0.5 mmHg (§)	0.5 mmHg (§)	145 psi		J1, J1.5, J2, J3

(§) Lower Range Limit is 0.135 kPa abs, 1.35 mbar abs, 1 mmHg for inert Galden.

Span limits

Maximum span = URL

IT IS RECOMMENDED TO SELECT THE TRANSMITTER SENSOR CODE PROVIDING THE TURNDOWN VALUE AS LOWEST AS POSSIBLE TO OPTIMIZE PERFORMANCE CHARACTERISTICS.

Zero suppression and elevation

Zero and span can be adjusted to any value within the range limits detailed in the table as long as:

— calibrated span ≥ minimum span

Damping

Selectable time constant : between 0 and 60 s

This is in addition to sensor response time.

Turn on time

Operation within specification in less than 10 s with minimum damping.

Insulation resistance

> 100 MΩ at 500 V DC (terminals to earth)

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Operative limits

REFER ALSO TO S26X DATA SHEET FOR POSSIBLE
FURTHER LIMITATION DUE TO SEAL VARIANTS

Pressure limits:

Overpressure limits

Without damage to the transmitter

Sensors	Fill fluid	Overpressure limits
Sensor F		0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 1 MPa, 10 bar, 145 psi
Sensor L	Silicone oil, white oil	0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 0.5 MPa, 5 bar, 72.5 psi
Sensor D	Silicone oil, white oil	0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 2 MPa, 20 bar, 290 psi
Sensor U	Silicone oil, white oil	0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 6 MPa, 60 bar, 870 psi
Sensor R	Silicone oil, white oil	0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 20 MPa, 200 bar, 2900 psi
Sensor V	Silicone oil, white oil	0.07 kPa abs, 0.7 mbar abs, 0.5 mmHg and 90 MPa, 900 bar, 13050 psi
Sensor L	Inert (Galden)	0.135 kPa abs, 1.35 mbar abs, 1 mmHg and 0.5 MPa, 5 bar, 72.5 psi
Sensor D	Inert (Galden)	0.135 kPa abs, 1.35 mbar abs, 1 mmHg and 2 MPa, 20 bar, 290 psi
Sensor U	Inert (Galden)	0.135 kPa abs, 1.35 mbar abs, 1 mmHg and 6 MPa, 60 bar, 870 psi
Sensor R	Inert (Galden)	0.135 kPa abs, 1.35 mbar abs, 1 mmHg and 20 MPa, 200 bar, 2900 psi
Sensor V	Inert (Galden)	0.135 kPa abs, 1.35 mbar abs, 1 mmHg and 90 MPa, 900 bar, 13050 psi

Overpressure and static upper limit can be derated by the flange rating of seal, as follows

Seal model S26RE to EN 1092-1	Carbon steel flange @ 120 °C	AISI 316 ss flange @ 20 °C
PN 16	16 bar	16 bar
PN 40	40 bar	40 bar
PN 63	63 bar	63 bar
PN 100	100 bar	100 bar

Seal model S26RA and S26RR to ASME B16.5	Carbon Steel @ 100 °F (38 °C)	AISI 316 ss flange @ 100 °F (38 °C)
Class 150	285 psi	275 psi
Class 300	740 psi	720 psi
Class 600	1480 psi	1440 psi
Class 900	2220 psi	2160 psi
Class 1500	3705 psi	3600 psi
Class 2500	6170 psi	6000 psi

Seal model S26RJ to JIS B 2220	Carbon steel flange @ 120 °C	AISI 316 ss flange @ 120 °C
10K	14 bar	14 bar
20K	36 bar	36 bar
40K	68 bar	68 bar

Seal model S26FE to EN 1092-1	AISI 316 L ss flange @ 20 °C
PN 16	16 bar
PN 40	40 bar
PN 63	63 bar
PN 100	100 bar

Seal model S26FA to ASME B16.5	AISI 316 L ss flange @ 100 °F (38 °C)
Class 150	230 psi
Class 300	600 psi
Class 600	1200 psi

Seal model S26ME to EN 1092-1	AISI 316 ss or Hastelloy C flange
PN 16 / 40	34 bar @ 25 °C (77 °F)

Seal model S26MA to ASME B16.5	AISI 316 L ss flange @ 25 °C (77 °F)	Hastelloy C flange @ 25 °C (77 °F)
Class 150	230 psi	290 psi
Class 300	600 psi	750 psi

The pressure limit decreases with increasing temperature above to the specified values as defined for the material, respectively for ASME B16.5, EN 1092-1 or JIS standards.

Seal model S26TT bolting	Temperature range	Pressure limit
AISI 316 ss or Carbon steel	0 ... 100 °C (32 ... 212 °F)	21 MPa, 210 bar, 3045 psi
	–60 ... 0 °C (–76 ... 32 °F)	16 MPa, 160 bar, 2320 psi
Alloy steel	100 ... 360 °C (212 ... 680 °F)	16 MPa, 160 bar, 2320 psi
	0 ... 37.8 °C (32 ... 100 °F)	21 MPa, 210 bar, 3045 psi
	–48.3 ... 0 °C (–55 ... 32 °F)	16 MPa, 160 bar, 2320 psi
	37.8 ... 360 °C (100 ... 680 °F)	13 MPa, 130 bar, 1885 psi

Seal model S26JN

up to 16 MPa, 160 bar, 2320 psi

but not greater than rating of mounting flange (NOT SUPPLIED)

t not greater than rating of mounting flange (NOT SUPPLIED)

Seal model S26VN bolting	Temperature range	Pressure limit
Alloy steel	0 ... 37.8 °C (32 ... 100 °F)	16 MPa, 160 bar, 2320 psi
	–48.3 ... 0 °C (–55 ... 32 °F)	10 MPa, 100 bar, 1450 psi
	37.8 ... 360 °C (100 ... 680 °F)	10 MPa, 100 bar, 1450 psi

Seal model S26SS	Pressure limit
Triclamp 2 in.	3.8 MPa, 38 bar, 550 psi
Triclamp 3 in.	2.4 MPa, 24 bar, 350 psi
Triclamp 4 in.	1.7 MPa, 17 bar, 250 psi
Union nut F50	2.5 MPa, 25 bar, 360 psi
Union nut F80	2.5 MPa, 25 bar, 360 psi
Cherry Burrel 2 in.	1.9 MPa, 19 bar, 275 psi
Cherry Burrel 3 in.	1.9 MPa, 19 bar, 275 psi
Cherry Burrel 4 in.	1.9 MPa, 19 bar, 275 psi
Sanitary flush 4 in.	1.9 MPa, 19 bar, 275 psi
Sanitary extended 4 in.	1.9 MPa, 19 bar, 275 psi
V-band clamp option	1 MPa, 10 bar, 145 psi
4in schedule 5 V-band clamp option	0.7 MPa, 7 bar, 100 psi

Proof pressure

The transmitter can be exposed without leaking to line pressure of up to

Model	Proof pressure
266GDH	The overpressure limits of the sensor or
266ADH	two times the flange rating of seal, whichever is less.

Meet ANSI/ISA–S 82.03 hydrostatic test requirements.

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Temperature limits °C (°F) :

Ambient

is the operating temperature

Model 266GDH - 266ADH	Ambient temperature limits
Silicone oil	–40 and 85 °C (–40 and 185 °F)
Inert (Galden)	–40 and 85 °C (–40 and 185 °F)
White oil	–6 and 85 °C (21 and 185 °F)

Models 266GDH - 266ADH	Ambient temperature limits
LCD integral display	–40 and 85 °C (–40 and 185 °F)

LCD display may not be clearly readable below –20 °C (–4 °F) or above +70 °C (+158 °F)

Models 266GDH - 266DSH	Ambient temperature limit
Painted AISI 316 L ss housing	max 70 °C (158 °F) continuous

IMPORTANT

For Hazardous Atmosphere applications see the temperature range specified on the certificate/approval relevant to the aimed type of protection.

Process

The following table show characteristics of fill fluids when used in transmitters with direct mount seal on high pressure side.

Fill fluid (application)	Process temperature and pressure limits			
	Tmax @ Pabs > of	Pmin mbar abs (mmHg)	Tmax °C (°F) @ Pmin	Tmin °C (°F)
Silicone oil PMX 200 10 cSt	250 (480) @ 385 mbar	0.7 (0.5)	130 (266)	–40 (–40)
Silicone oil Baysilone PD5 5 cSt	250 (480) @ 900 mbar	0.7 (0.5)	45 (113)	–85 (–121)
Inert oil Galden G5 (oxygen service)	160 (320) @ 1 bar	2.1 (1.52)	60 (140)	–20 (–4)
Inert oil Halocarbon 4.2 (oxygen service)	180 (356) @ 425 mbar	4 (3)	70 (158)	–20 (–4)
Silicone polymer Syltherm XLT (cryogenic service)	100 (212) @ 118 mbar	2.1 (1.52)	20 (68)	–100 (–148)
Silicone oil for high temperature	250 (480) @ 3.5 mbar	0.7 (0.5)	220 (428)	–10 (14)
Vegetable oil Neobee M-20 (food - sanitary) FDA approved	200 (390) @ 1 bar	10 (7.2)	20 (68)	–18 (0)
Mineral oil Esso Marcol 122 (food - sanitary) FDA approved	250 (480) @ 630 mbar	0.7 (0.5)	110 (230)	–6 (21)
Glycerin Water 70% (food - sanitary) FDA approved	93 (200) @ 1 bar	1000 (760)	93 (200)	–7 (20)

Seals model (mnemonic)	Process temperature limits
S26JN In-line type (J1, J1.5, J2, J3)	–40 and 180 °C (–40 and 356 °F)
S26XX (ALL OTHER MNEMONICS)	–100 and 250 °C (–148 and 480 °F)

Seals model S26VN	Process temperature limits
Viton gasket	–20 and 200 °C (–4 and 392 °F)
PTFE gasket	–100 and 260 °C (–148 and 500 °F)
Graphite gasket	–100 and 360 °C (–148 and 680 °F)

Flushing ring gasket material	Process limits		
	Pressure (max.)	Temperature	P x T
Garlock	6.9 MPa, 69 bar, 1000 psi	–73 and 204 °C (–100 and 400 °F)	250000 (°F x psi)
Graphite	2.5 MPa, 25 bar, 362 psi	–100 and 380 °C (–148 and 716 °F)	
PTFE	6 MPa, 60 bar, 870 psi	–100 and 250 °C (–148 and 482 °F)	

Storage

Models 266GDH - 266ADH	Storage temperature limits
Storage limits	–50 and 85 °C (–58 and 185 °F)
LCD integral display	–40 and 85 °C (–40 and 185 °F)

Environmental limits

Electromagnetic compatibility (EMC)

Comply with EN 61326-1 and NAMUR NE 021 (2004) (option).
Surge immunity level (with surge protector): 4 kV
(according to IEC 1000-4-5 EN 61000-4-5)

Pressure equipment directive (PED)

Comply with 97/23/EC following Sound Engineering Practice (SEP).

Humidity

Relative humidity: up to 100 %
Condensing, icing: admissible

Vibration resistance

Accelerations up to 2 g at frequency up to 1000 Hz
(according to IEC 60068-2-6)

Shock resistance

Acceleration: 50 g
Duration: 11 ms
(according to IEC 60068-2-27)

Wet and dust-laden atmospheres

The transmitter is dust and sand tight and protected against immersion effects as defined by IEC 60529 (2001) to IP 67 (IP 68 on request) or by NEMA Type 4X.
IP65 with Harting Han connector.
Aluminium and AISI housings as barrel version also comply to IP 66 as defined by IEC 60529 (2001).

Hazardous atmospheres

With or without integral display

INTRINSIC SAFETY:

ATEX Europe (code E1) approval
II 1 G Ex ia IIC T6/T5/T4 and II 1/2 G Ex ia IIC T6/T5/T4 and
II 1 D Ex iaD 20 T85 °C and II 1/2 D Ex iaD 21 T85 °C; IP67.
IECEx (code E8) approval
Ex ia IIC T6/T5/T4 and Ex iaD 20 T85 °C and Ex iaD 21 T85 °C; IP67.
NEPSI China (code EY)
Ex ia IIC T4~T6, DIP A20TA, T4~T6.

EXPLOSION PROOF:

ATEX Europe (code E2) approval
II 1/2 G Ex d IIC T6 and II 1/2 D Ex tD A21 IP67 T85 °C (Ta = -50 to +75 °C).
IECEx (code E9) approval
Ex d IIC T6 and Ex tD A21 IP67 T85 °C (Ta = -50 to +75 °C).
NEPSI China (code EZ)
Ex d IIC T6, DIP A21TA, T6.

TYPE "N":

ATEX Europe (code E3) type examination
II 3 G Ex nL IIC T6/T5/T4 and II 3 D Ex tD A22 IP67 T85 °C; IP67.
IECEx (code ER) type examination
Ex nL IIC T6/T5/T4; IP67.
NEPSI China (code ES) type examination
Ex nL IIC T4~T6, DIP A22TA, T6.

FM Approvals US (code E6) and FM Approvals Canada (code E4):

- Explosionproof (US): Class I, Div. 1, Groups A, B, C, D
- Explosionproof (Canada): Class I, Div. 1, Groups B, C, D
- Dust ignitionproof : Class II, Div. 1, Groups E, F, G
- Suitable for: Class II, Div. 2, Groups F, G; Class III, Div.1, 2
- Nonincendive: Class I, Div. 2, Groups A, B, C, D
- Intrinsically safe: Class I, II, III, Div. 1, Groups A, B, C, D, E, F, G
Class I, Zone 0 AEx ia IIC T6/T4, Zone 0 (FM US)
Class I, Zone 0 Ex ia IIC T6/T4, Zone 0 (FM Canada)

COMBINED ATEX (code EW = E1 + E2 + E3), (code E7 = E1 + E2)

COMBINED ATEX, FM and IECEx Approvals (code EN = EW + E4 + E6+ EI)

COMBINED FM Approvals US and Canada

- Intrinsically safe (code EA)
- Explosionproof (code EB)
- Nonincendive (code EC)

COMBINED IEC (code EH = E8 + E9), (code EI = E8 + E9 + ER)

COMBINED NEPSI (code EP = EY + EZ), (code EQ = EY + EZ + ES)

Technical Regulations Customs Union EAC (Russia, Kazakhstan, Belarus),
Inmetro (Brazil), Kosha (Korea).

REFER TO CERTIFICATES FOR AMBIENT TEMPERATURE
RANGES (WITHIN THE LIMITS OF -50 TO 85°C) RELATED TO
THE DIFFERENT TEMPERATURE CLASSES

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Electrical Characteristics and Options

Optional indicators

Integral display with integral keypad (code L1)

Wide screen LCD, 128 x 64 pixel,
52.5 x 27.2 mm (2.06 x 1.07 in.) dot matrix.
Multilanguage.
Four keys for configuration and
management of device.
Easy setup for quick commissioning.
User selectable application-specific visualizations.
Totalized and instantaneous flow indication.
Display may also indicate static pressure,
sensor temperature and diagnostic
messages and provides configuration facilities.



Integral display with Through-The-Glass (TTG) activated keypad (code L5)

As above integral display but equipped
with the innovative TTG keypad allowing
the activation of the configuration and
management menus of the device without
the need of removing the transmitter
housing cover.
TTG keypad is protected against
accidental activations.



Optional surge protection

Up to 4kV

- voltage 1.2 μ s rise time / 50 μ s delay time to half value
- current 8 μ s rise time / 20 μ s delay time to half value

Process diagnostics (PILD)

Plugged impulse line detection (PILD) generates a warning via
communication (HART, PA, FF). The device can be configured
to drive the output to “Alarm current” or set a status “BAD”.

HART® digital communication and 4 to 20 mA output Advanced functionality

Device type: 1a07_{hex} (listed with HCF)

Power supply

The transmitter operates from 10.5 to 42 V DC with no load
and is protected against reverse polarity connection
(additional load allows operations over 42 V DC).
For Ex ia and other intrinsically safe approval power supply
must not exceed 30 V DC. Minimum operating voltage
increases to 12.3 V DC with optional surge protector

Ripple

20 mV max on a 250 Ω load as per HART specifications.

Load limitations

4 to 20 mA and HART total loop resistance :

$$R \text{ (k}\Omega\text{)} = \frac{\text{Supply voltage} - \text{min. operating voltage (V DC)}}{22 \text{ mA}}$$

A minimum of 250 Ω is required for HART communication.

Output signal

Two-wire 4 to 20 mA, user-selectable for linear or 22 points
linearization table (i.e. for horizontal or spherical tank level
measurement).

HART® communication provides digital process variable
superimposed on 4 to 20 mA signal, with protocol based on
Bell 202 FSK standard.

HART revision 5 is the default HART output.

HART revision 7 is available on request.

Output current limits (to NAMUR NE 43 standard)

Overload condition

- Lower limit: 3.8 mA (configurable from 3.8 to 4 mA)
- Upper limit: 20.5 mA (configurable from 20 to 21 mA)

Alarm current

- Lower limit: 3.6 mA (configurable from 3.6 to 4 mA)
- Upper limit: 21 mA (configurable from 20 to 23 mA,
limited to 22 mA for HART Safety;
apply for electronics release 7.1.15 or later)

Factory setting: high alarm current

FOUNDATION Fieldbus™ output

Device type

LINK MASTER DEVICE

Link Active Scheduler (LAS) capability implemented.

Manufacturer code: 000320_{hex}

Device type code: 0007_{hex}

Power supply

The transmitter operates from 9 to 32 V DC, polarity independent, with or without surge protector.

For Ex ia approval power supply must not exceed 24 V DC (entity certification) or 17.5 V DC (FISCO certification), according to FF-816.

Current consumption

operating (quiescent): 15 mA

fault current limiting: 20 mA max.

Output signal

Physical layer in compliance to IEC 1158-2/EN 61158-2 with transmission to Manchester II modulation, at 31.25 kbit/s.

Function blocks/execution period

3 enhanced Analog Input blocks/25 ms max (each)

1 enhanced PID block/40 ms max.

1 standard ARithmetic block/25 ms

1 standard Input Selector block/25 ms

1 standard Control Selector block/25 ms

1 standard Signal Characterization block/25 ms

1 standard Integrator/Totalizer block/25 ms

Additional blocks

1 enhanced Resource block,

1 custom Pressure with calibration transducer block

1 custom Advanced Diagnostics transducer block including
Plugged Input Line Detection

1 custom Local Display transducer block

Number of link objects

35

Number of VCRs

35

Output interface

FOUNDATION fieldbus digital communication protocol to standard H1, compliant to specification V. 1.7.

Transmitter failure mode

The output signal is “frozen” to the last valid value on gross transmitter failure condition, detected by self-diagnostics which also indicate a BAD conditions. If electronic failure or short circuit occur the transmitter consumption is electronically limited at a defined value (20 mA approx), for safety of the network.

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PROFIBUS® PA output

Device type

Pressure transmitter compliant to Profiles 3.0.1

Identification number: 3450_{hex}

Power supply

The transmitter operates from 9 to 32 V DC , polarity independent, with or without surge protector.

For Ex ia approval power supply must not exceed 17.5 V DC.

Intrinsic safety installation according to FISCO model.

Current consumption

operating (quiescent): 15 mA

fault current limiting: 20 mA max.

Output signal

Physical layer in compliance to IEC 1158–2/EN 61158–2 with transmission to Manchester II modulation, at 31.25 kbit/s.

Output interface

PROFIBUS PA communication according to Profibus DP50170 Part 2/DIN 19245 part 1–3.

Output update time

25 ms

Data blocks

3 analog input, 1 physical.

Additional blocks

1 Pressure with calibration transducer block

1 Advanced Diagnostics transducer block including Plugged Input Line Detection

1 Local Display transducer block

Transmitter failure mode

On gross transmitter failure condition, detected by self-diagnostics, the output signal can be driven to defined conditions, selectable by the user as safe, last valid or calculated value.

If electronic failure or short circuit occur the transmitter consumption is electronically limited at a defined value (20 mA approx), for safety of the network.

Performance specifications

Stated at reference condition to IEC 60770 ambient temperature of 20 °C (68 °F), relative humidity of 65 %, atmospheric pressure of 1013 hPa (1013 mbar), mounting position with vertical diaphragm and zero based range for transmitter with isolating diaphragms in AISI 316 L ss or Hastelloy and silicone oil fill and HART digital trim values equal to 4 mA and to 20 mA span end points, in linear mode. Unless otherwise specified, errors are quoted as % of span. Some performance referring to the Upper Range Limit are affected by the actual turndown (TD) as ratio between Upper Range Limit (URL) and calibrated span.

IT IS RECOMMENDED TO SELECT THE TRANSMITTER SENSOR CODE PROVIDING THE TURNDOWN VALUE AS LOWEST AS POSSIBLE TO OPTIMIZE PERFORMANCE CHARACTERISTICS.

Accuracy rating

% of calibrated span, including combined effects of terminal based linearity, hysteresis and repeatability.

For fieldbus versions SPAN refer to analog input function block outscale range

Model	Sensor	for TD	
266GDH with seals mnemonic P3, F3, E3, S3, F2	D and U	from 1:1 to 10:1	± 0.06 %
	D and U	from 10:1 to 60:1	± (0.006 x TD) %
	F, L, R, V	from 1:1 to 10:1	± 0.075 %
	F, L, R, V	from 10:1 to 60:1	± (0.0075 x TD) %
266GDH with seals mnemonic Y1	L and D	from 1:1 to 5:1	± 0.15 %
	L and D	from 5:1 to 30:1	± (0.03 x TD) %
	U and R	from 1:1 to 5:1	± 0.075 %
	U and R	from 5:1 to 30:1	± (0.015 x TD) %
266GDH with seals mnemonic M1	L and D	from 1:1 to 5:1	± 0.15 %
	L and D	from 5:1 to 30:1	± (0.03 x TD) %
	U, R, V	from 1:1 to 5:1	± 0.075 %
	U, R, V	from 5:1 to 30:1	± (0.015 x TD) %
266GDH with seals mnemonic M1.5, M1.5B	F, L, D,	from 1:1 to 5:1	± 0.075 %
	U, R	from 5:1 to 30:1	± (0.015 x TD) %
266GDH with seals mnemonic M1.5A	F, L, D,	from 1:1 to 5:1	± 0.075 %
	U, R	from 5:1 to 30:1	± (0.015 x TD) %
266GDH with seals different from above	F, L, D,	from 1:1 to 10:1	± 0.10 %
	U, R, V	from 10:1 to 60:1	± (0.01 x TD) %

Model	Sensor	for TD	
266ADH with seals mnemonic P3, F3, E3, S3, F2	F, L,	from 1:1 to 10:1	± 0.075 %
	D, U	from 10:1 to 20:1	± (0.0075 x TD) %
266ADH with seals mnemonic M1	L and D	from 1:1 to 5:1	± 0.15 %
	L and D	from 5:1 to 10:1	± (0.03 x TD) %
	U	from 1:1 to 5:1	± 0.075 %
	U	from 5:1 to 10:1	± (0.015 x TD) %
266ADH with seals mnemonic M1.5, M1.5B	F, L,	from 1:1 to 5:1	± 0.075 %
	D, U	from 5:1 to 10:1	± (0.015 x TD) %
266ADH with seals mnemonic M1.5A	F, L,	from 1:1 to 5:1	± 0.075 %
	D, U	from 5:1 to 10:1	± (0.015 x TD) %
266ADH with seals different from above	F, L,	from 1:1 to 10:1	± 0.10 %
	D, U	from 10:1 to 20:1	± (0.01 x TD) %

Ambient temperature

Transmitter effect per 20K change between the limits of -40 °C to +85 °C (per 36 °F change between the limits of -40 to +185 °F):

Model	Sensor	for TD up to	
266GDH	L to V	10 : 1	± (0.04 % URL + 0.065 % span)
266GDH	F	10 : 1	± (0.06 % URL + 0.09 % span)
266ADH	L to U	10 : 1	± (0.04 % URL + 0.065 % span)
266ADH	F	10 : 1	± (0.06 % URL + 0.09 % span)

REFER TO S26 SEALS DATA SHEET FOR TEMPERATURE ADDITIONAL EFFECTS OF DIRECT MOUNT SEAL AND REMOTE SEAL (if selected on negative side).

For in-line seal, available only as direct mount, refer to the following tables of temperature effects per 20 K (36 °F) changes, detailed separately for

- the seal (one element), as process temperature error
- the system (transmitter sensor when combined with a seal of specific size/type) referred to silicone oil (DC 200) filling and AISI 316 L ss diaphragm materials.

S26J in-line seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount error (ambient)
1 in. - J1	≥ 1000 kPa, 145 psi	2.2 kPa, 8.8 inH2O	0.80 kPa, 3.20 inH2O
1 1/2 in. - J1.5	≥ 1000 kPa, 145 psi	1.4 kPa, 5.6 inH2O	0.31 kPa, 1.24 inH2O
2 in. - J2	≥ 1000 kPa, 145 psi	4.6 kPa, 18.4 inH2O	0.80 kPa, 3.20 inH2O
4 in. - J3	≥ 1000 kPa, 145 psi	3.0 kPa, 12 inH2O	0.36 kPa, 1.44 inH2O

Supply voltage

Within voltage/load specified limits the total effect is less than 0.005 % of URL per volt.

Load

Within load/voltage specified limits the total effect is negligible.

Electromagnetic field

Meets all the requirements of EN 61326 and NAMUR NE 21 for surge immunity level.

Common mode interference

No effect from 100Vrms @ 50Hz, or 50 V DC

Model 266GDH Gauge

Model 266ADH Absolute

Physical Specification

(Refer to ordering information sheets for variant availability related to specific model or versions code)

Materials

High pressure side process diaphragm (direct mount seal) (*)

AISI 316 L ss; Hastelloy® C-276; Hastelloy® C-2000; Inconel 625; Tantalum; AISI 316 L ss or Hastelloy® C-276 with anti-stick coating; AISI 316 L ss with anti-corrosion coating; AISI 316 L ss gold plated; Superduplex ss (UNS S32750 to ASTM SA479); Diaflex (AISI with anti-abrasion treatment).

Extension material

AISI 316 L ss (also for Diaflex and gold plated diaphragms); Hastelloy® C-276; AISI 316 L ss or Hastelloy® C-276 with coating same as diaphragm

High pressure side fill fluid (direct mount seal)

Silicone oil-PMX 200®; Silicone oil for high temperature ; Inert-Galden®; Inert-Halocarbon® 4.2; Silicone Polymer-Syltherm XLT®; Low viscosity silicone oil-Baysilone M5; Glycerin Water; Vegetable oil-Neobee® M-20; Mineral oil-Essomarcot 122®.

Sensor fill fluid

Silicone oil; Inert fill (Galden®); white oil (FDA).

Sensor housing

AISI 316 L ss.

Electronic housing and covers

Aluminium alloy (copper content ≤ 0.3 %) with baked epoxy finish (colour RAL9002); AISI 316 L ss; AISI 316 L ss with two components epoxy mastic coated with acrylic epoxy finish (colour aluminium grey), with antistatic agents according to CEI EN 60079.

Covers O-ring

Buna N.

Local adjustments (zero, span and write protect)

External non-intrusive for zero, span and write protect in glass filled polyphenylene oxide, removable.

Plates

Transmitter nameplate: AISI 316 ss screwed to the electronics housing.

Certification plate and optional tag/calibration plate : self-adhesive attached to the electronics housing or AISI 316 ss fastened to the electronics housing with rivets or screws.

Optional wired-on customer data plate: AISI 316 ss.

Laser printing on metal or thermal printing on self-adhesive.

For AISI 316 L ss housing it is mandatory to select option I2 or I3 for plates in AISI 316 ss.

Calibration

Standard: at maximum span, zero based range, ambient temperature and pressure;

Optional: at specified range and ambient conditions.

Optional extras

Display (code Lx)

4-position (at 90°) user orientable.

Optional plates (code Ix)

Code I2: AISI 316 ss plate with laser printed tag (up to 31 characters) and calibration details (up to 31 characters: lower and upper range values and engineering unit) fixed onto transmitter housing.

Code I1: AISI 316 ss wired-on plate with laser printed customized data (4 lines of 32 characters with 4 mm/0.16 in. height).

Surge protection (code S2)

Test Certificates (test, design, calibration, material traceability) (codes Cx and Hx)

Tag and manual language (codes Tx and Mx)

Communication connectors (code Ux)

Process connections (*)

on seal (refer to drawings for details):

Flush diaphragm flanged seal (**):

2 in. or 3 in. ASME 150 to 1500 RF; 4 in. ASME 150-300 RF;
1-1/2 in., 2 in. or 3 in. ASME 150 to 1500 RJ;
DN 50 or DN 80 PN 16–40, PN 63–100; DN 100 PN 16–40;
A50 or A80 Class 10K, 20K, 40K; A100 Class 10K, 20K.

Extended diaphragm flanged seal (**):

2 in., 3 in. or 4 in. ASME 150 - 300 RF;
DN 50, DN 80 or DN 100 PN 16 – 40.

Off-line flanged connection seal (***)

1/2 in., 1 in. or 1-1/2 in. hole connection, ASME CL150-300;
DN 25 or DN 40, EN PN 16-40.

Off-line threaded connection seal

1/4 in., 1/2 in., 3/4 in., 1 in. or 1-1/2 in. NPT thread.

Food/Sanitary seal

Triclamp: 2 in., 3 in. or 4 in.;
Union nut: F50 or F80 to DIN 11851;
Cherry Burrell: 2 in., 3 in. or 4 in.;
Sanitary: 4in flush diaphragm or 4in extended (2in, 4in or 6in) diaphragm
Beverage bolted: 1/2 in. flush diaphragm with integral 6 holes flanged connection

Saddle & Socket seal

2 in., 2-1/2 in., 3 in., 4 in., 5 in. or 6 in. saddle connection
1/2 in., 3/4 in., 1 in., 1-1/2 in. or 2 in. socket connection

In-line seal

DN25 / 1 in., DN40 / 1-1/2 in., DN 50 / 2 in., DN80 / 3 in.

Gasket seat finish (as applicable to specific seal types)

smooth (ASME, EN or JIS): 0.8µm (Ra)
serrated (ASME or JIS): 3.2 to 6.3µm (Ra)
serrated (EN 1092-1 Type B1; up to PN 40): 3.2 to 12.5µm (Ra)
serrated (EN 1092-1 Type D and E): according to standard.

Electrical connections

Two 1/2 in. – 14 NPT or M20x1.5 threaded conduit entries, direct on housing.

Special communication connector (on request)

- HART: straight or angle Harting Han 8D connector and one plug.
- FOUNDATION Fieldbus, PROFIBUS PA: M12x1 or 7/8 in.

Terminal block

HART version: three terminals for signal/external meter wiring up to 2.5 mm² (14 AWG), also connection points for test and communication purposes.

Fieldbus versions: two terminals for signal wiring (bus connection) up to 2.5 mm² (14 AWG)

Grounding

Internal and external 6 mm² (10 AWG) ground termination points are provided.

Mounting position

Transmitter can be mounted in any position.

Electronics housing may be rotated to any position. A positive stop prevents over travel.

Mass (without options)

6 kg to 30 kg approx (13 to 70 lb) according to specified seal(s) options; add 1.5 kg (3.4 lb) for AISI housing.
Add 650 g (1.5 lb) for packing.

Packing

Carton

(*) Wetted parts of the transmitter.

(**) Bolts and nuts, gasket and mating flange supplied by customer.

(***) Gasket to process supplied by customer.

Model 266GDH Gauge

Model 266ADH Absolute

Configuration

Transmitter with HART communication and 4 to 20 mA Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and configured as follows:

Engineering Unit	kPa
4 mA	Zero
20 mA	Upper Range Limit (URL)
Output	Linear
Damping	1 s
Transmitter failure mode	Upscale
Software tag (8 characters max)	Blank
Optional LCD display	PV in kPa; output in mA and in percentage on bargraph

Any or all the above configurable parameters, including Lower range-value and Upper range-value which must be the same unit of measure, can be easily changed using the HART hand-held communicator or by a PC running the configuration software with DTM for 266 models. The transmitter database is customized with specified flange type and material, O-ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

Descriptor	16 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

For HART protocol available engineering units of pressure measure are :

Pa, kPa, MPa
inH₂O@4 °C, mmH₂O@4 °C, psi
inH₂O@20 °C, ftH₂O@20 °C, mmH₂O@20 °C
inHg, mmHg, Torr
g/cm², kg/cm², atm
mbar, bar

These and others are available for PROFIBUS and FOUNDATION Fieldbus.

Transmitter with PROFIBUS PA communication Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and configured as follows:

Measure Profile	Pressure
Engineering Unit	kPa
Output scale 0 %	Lower Range Limit (LRL)
Output scale 100 %	Upper Range Limit (URL)
Output	Linear
Hi-Hi Limit	Upper Range Limit (URL)
Hi Limit	Upper Range Limit (URL)
Low Limit	Lower Range Limit (LRL)
Low-Low Limit	Lower Range Limit (LRL)
Limits hysteresis	0.5 % of output scale
PV filter	0 s
Address (set by local key)	126
Tag	32 alphanumeric characters
Optional LCD display	PV in kPa; output in percentage on bargraph

Any or all the above configurable parameters, including the range values which must be the same unit of measure, can be easily changed by a PC running the configuration software with DTM for 266 models. The transmitter database is customized with specified flange type and material, O-ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

Descriptor	32 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

Transmitter with FOUNDATION Fieldbus communication

Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and the analog input function block FB1 is configured as follows:

Measure Profile	Pressure
Engineering Unit	kPa
Output scale 0 %	Lower Range Limit (LRL)
Output scale 100 %	Upper Range Limit (URL)
Output	Linear
Hi-Hi Limit	Upper Range Limit (URL)
Hi Limit :	Upper Range Limit (URL)
Low Limit	Lower Range Limit (LRL)
Low-Low Limit	Lower Range Limit (LRL)
Limits hysteresis	0.5 % of output scale
PV filter time	0 s
Tag	32 alphanumeric characters
Optional LCD display	PV in kPa; output in percentage on bargraph

The analog input function block FB2 and FB3 are configured respectively for the sensor temperature measured in °C and for the static pressure measured in MPa.

Any or all the above configurable parameters, including the range values, can be changed using any host compliant to FOUNDATION fieldbus. The transmitter database is customized with specified flange type and material, O-ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

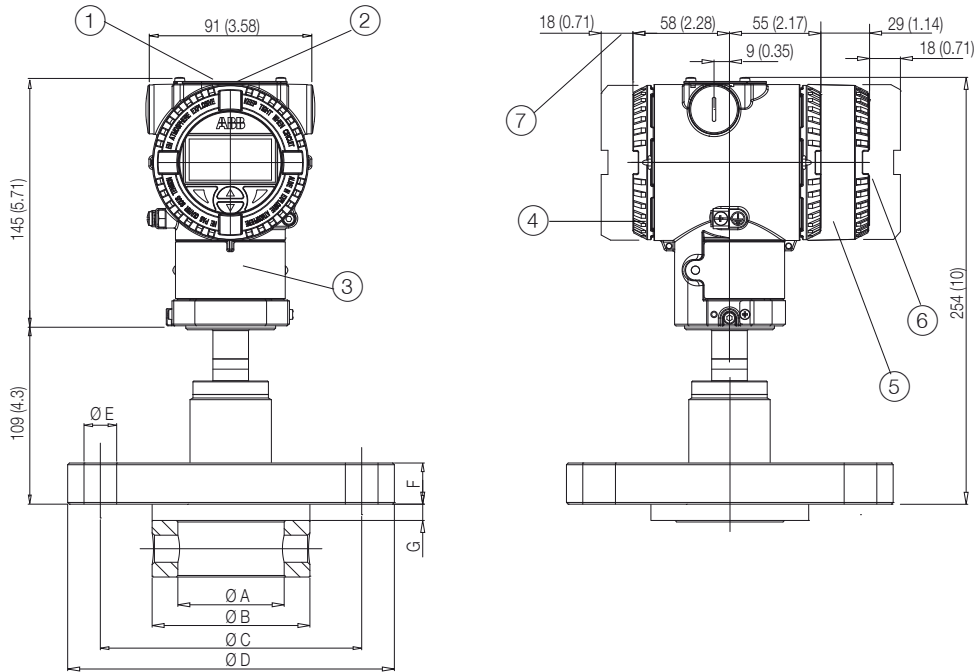
Descriptor	32 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

Model 266GDH Gauge

Model 266ADH Absolute

MOUNTING DIMENSIONS (not for construction unless certified) – dimensions in mm. (in.)

266GDH/ADH with barrel housing and direct mount seal S26RA/S26RE/S26RJ rotating flange Raised Face flush diaphragm



- ① Adjustments | ② Identification plate | ③ Certification plate | ④ Terminal side | ⑤ L1 and L5 integral display housing | ⑥ Electronic side | ⑦ Space for cover removal

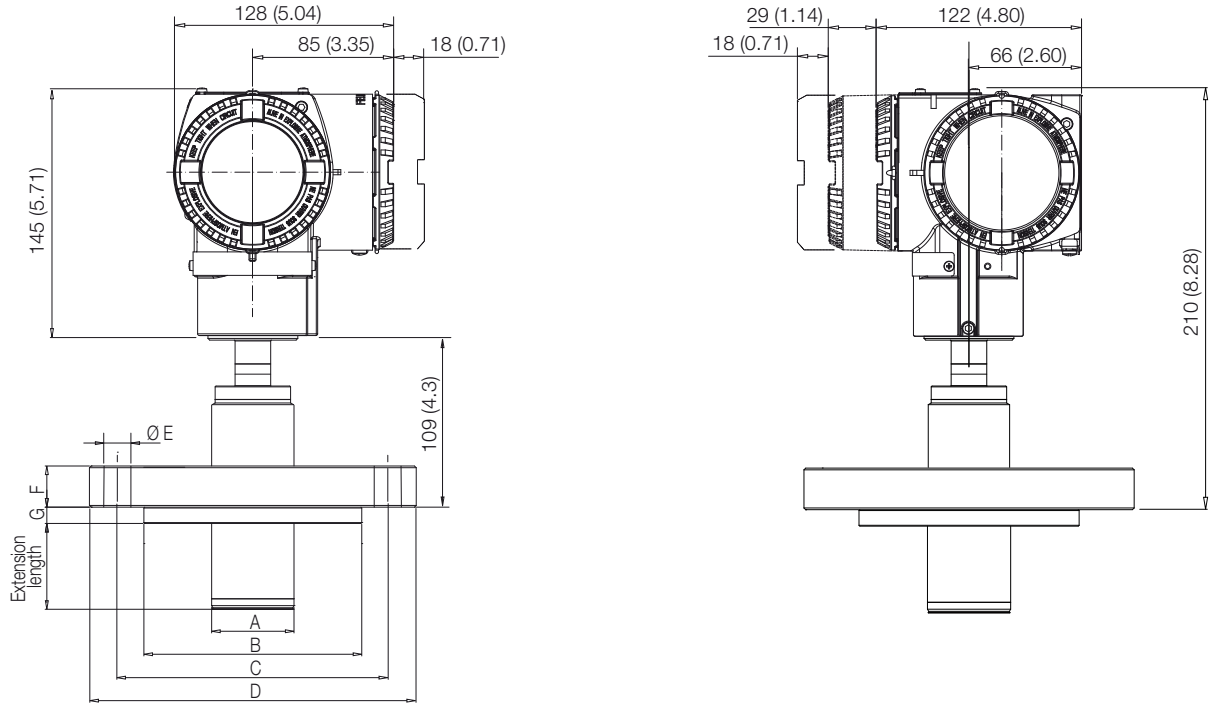
Size/Rating	Dimensions mm. (in.) for S26RA										
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 1)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
2 in. ASME CL 150	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	120.65 (4.75)	152.4 (6)	19.1 (0.79)	17.5 (0.6)	9.5 (0.37)	4
2 in. ASME CL 300	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	20.8 (0.8)	9.5 (0.37)	8
2 in. ASME CL 600	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	25.4 (1)	9.5 (0.37)	8
2 in. ASME CL 900	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	165 (6.5)	215.9 (8.5)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
2 in. ASME CL 1500	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	165 (6.5)	215.9 (8.5)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
3 in. ASME CL 150	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	152.4 (6)	190.5 (7.5)	19.1 (0.79)	22.4 (0.88)	9.5 (0.37)	4
3 in. ASME CL 300	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.88)	26.9 (1.1)	9.5 (0.37)	8
3 in. ASME CL 600	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.88)	31.8 (1.3)	9.5 (0.37)	8
3 in. ASME CL 900	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	190.5 (7.5)	241 (9.48)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
3 in. ASME CL1500	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	203.2 (8)	266.7 (10.5)	31.75 (1.25)	47.7 (1.88)	9.5 (0.37)	8
4 in. ASME CL 150	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	190.5 (7.5)	228.6 (9)	19.1 (0.79)	22.4 (0.88)	9.5 (0.37)	8
4 in. ASME CL 300	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	200.2 (7.88)	254 (10)	22 (0.86)	30.2 (1.19)	9.5 (0.37)	8

Note 1 - Flange thickness tolerance is +3.0 / -0.0 mm. (+0.12 / 0.0 in.).

Note 2 - Flange thickness tolerance is +1.0 / -1.3 mm. (+0.04 / 0.05 in.) up to 18 mm or ±1.5 mm. (±0.06 in.) from 18 to 50 mm

Note 3 - Flange thickness tolerance is +1.5 / -0.0 mm. (+0.06 / 0.0 in.) up to Class 20K or +2.0 / -0.0 mm. (+0.08 / 0.0 in.) from Class 20K to Class 50K.

266GDH/266ADH with DIN housing and direct mount seal S26RA/S26RE flanged Raised Face extended diaphragm



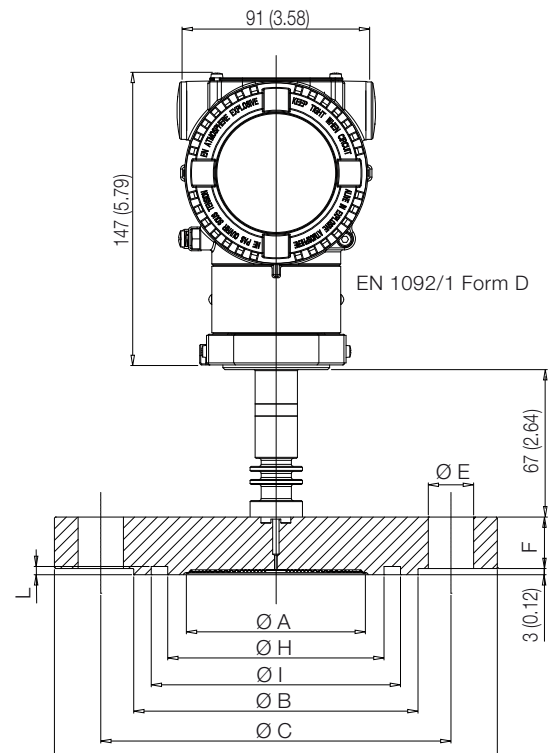
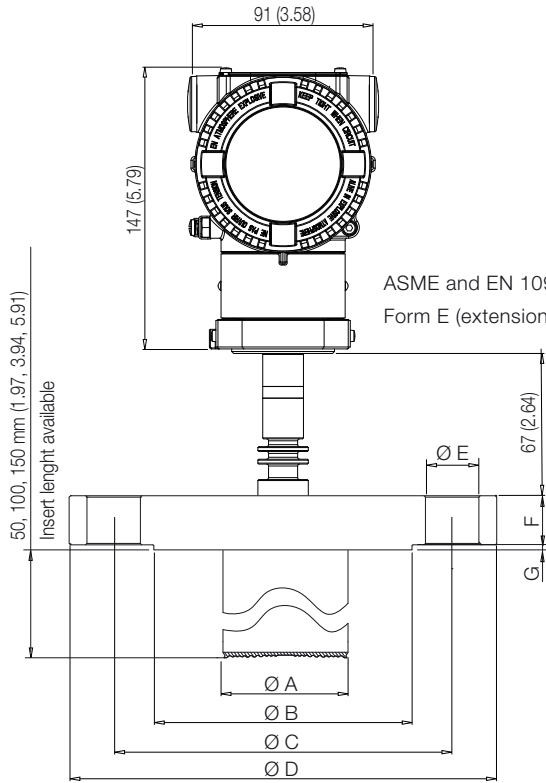
Size/Rating	Dimensions mm. (in.) for S26RE										
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
DN 50 EN PN 16	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	15 (0.58)	9.5 (0.37)	4
DN 50 EN PN 40	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	18 (0.67)	9.5 (0.37)	4
DN 50 EN PN 63	NA	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	135 (5.31)	180 (7.08)	22 (0.86)	23 (0.9)	9.5 (0.37)	4
DN 50 EN PN 100	NA	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	145 (5.71)	195 (7.67)	26 (1.02)	27 (1.06)	9.5 (0.37)	4
DN 80 EN PN 16	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	17 (0.67)	9.5 (0.37)	8
DN 80 EN PN 40	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	21 (0.83)	9.5 (0.37)	8
DN 80 EN PN 63	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	170 (6.7)	215 (8.46)	22 (0.86)	25 (0.98)	9.5 (0.37)	8
DN 80 EN PN 100	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	180 (7.08)	230 (9.05)	26 (1.02)	33 (1.3)	9.5 (0.37)	8
DN 100 EN PN 16	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	158 (6.22)	180 (7.08)	220 (8.66)	18 (0.71)	17 (0.67)	9.5 (0.37)	8
DN 100 EN PN 40	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	162 (6.38)	190 (7.48)	235 (9.25)	22 (0.86)	21 (0.83)	9.5 (0.37)	8

Size/Rating	Dimensions mm. (in.) for S26RJ							
	A (dia) flush diaphragm	B (dia)	C (dia)	D (dia)	E (dia)	F (Note 3)	G	N° of holes
A50 Class 10K	60 (2.36)	96 (3.78)	120 (4.72)	155 (6.1)	19 (0.75)	16 (0.63)	9.5 (0.37)	4
A50 Class 20K	60 (2.36)	96 (3.78)	120 (4.72)	155 (6.1)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A50 Class 40K	60 (2.36)	104.3 (4.11)	130 (5.12)	165 (6.5)	19 (0.75)	26 (1.02)	9.5 (0.37)	8
A80 Class 10K	89 (3.5)	126 (4.96)	150 (5.91)	185 (7.28)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A80 Class 20K	89 (3.5)	132 (5.2)	160 (6.3)	200 (7.87)	23 (0.91)	22 (0.87)	9.5 (0.37)	8
A80 Class 40K	89 (3.5)	139.4 (5.49)	170 (6.69)	210 (8.27)	23 (0.91)	32 (1.26)	9.5 (0.37)	8
A100 Class 10K	89 (3.5)	151 (5.94)	175 (6.89)	210 (8.27)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A100 Class 20K	89 (3.5)	160 (6.3)	185 (7.28)	225 (8.86)	23 (0.91)	24 (0.94)	9.5 (0.37)	8

Model 266GDH Gauge

Model 266ADH Absolute

266GDH/266ADH with barrel housing and direct mount seal S26FA/S26FE flanged Raised Face flush diaphragm



Size/Rating	Dimensions mm. (in.) for S26FA										
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 1)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
2 in. ASME CL 150	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	120.65 (4.75)	152.4 (6)	19.1 (0.79)	17.5 (0.6)	2 (0.08)	4
2 in. ASME CL 300	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	20.8 (0.8)	2 (0.08)	8
2 in. ASME CL 600	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	25.4 (1)	7 (0.27)	8
3 in. ASME CL 150	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	152.4 (6)	190.5 (7.5)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	4
3 in. ASME CL 300	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	26.9 (1.1)	2 (0.08)	8
3 in. ASME CL 600	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	31.8 (1.3)	7 (0.27)	8
4 in. ASME CL 150	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	190.5 (7.5)	228.6 (9)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	8

Note 1 - Flange thickness tolerance is +3.0 / -0.0 mm. (+0.12 / 0.0 in.)

Size/Rating		Dimensions mm. (in.) for S26FA									
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 1)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
2 in. ASME CL 150	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	120.65 (4.75)	152.4 (6)	19.1 (0.79)	17.5 (0.6)	2 (0.08)	4
2 in. ASME CL 300	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	20.8 (0.8)	2 (0.08)	8
2 in. ASME CL 600	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	25.4 (1)	7 (0.27)	8
3 in. ASME CL 150	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	152.4 (6)	190.5 (7.5)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	4
3 in. ASME CL 300	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	26.9 (1.1)	2 (0.08)	8
3 in. ASME CL 600	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	31.8 (1.3)	7 (0.27)	8
4 in. ASME CL 150	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	190.5 (7.5)	228.6 (9)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	8

Size/Rating	Dimensions mm. (in.) for S26FE Form E								
	diaphragm A (dia)		B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	G	N° of holes
	std. thickness	low thickness							
DN 50 EN PN 16	60 (2.36)	58 (2.28)	87 (3.42)	125 (4.92)	165 (6.5)	18 (0.71)	13.5 (0.53)	4.5 (0.18)	4
DN 50 EN PN 40	60 (2.36)	58 (2.28)	87 (3.42)	125 (4.92)	165 (6.5)	18 (0.71)	15.5 (0.61)	4.5 (0.18)	4
DN 50 EN PN 63	60 (2.36)	58 (2.28)	87 (3.42)	135 (5.31)	180 (7.08)	22 (0.86)	21.5 (0.85)	4.5 (0.18)	4
DN 50 EN PN 100	60 (2.36)	58 (2.28)	87 (3.42)	145 (5.71)	195 (7.67)	26 (1.02)	25.5 (1)	4.5 (0.18)	4
DN 80 EN PN 16	89 (3.5)	75 (2.95)	120 (4.72)	160 (6.3)	200 (7.87)	18 (0.71)	15.5 (0.61)	4.5 (0.18)	8
DN 80 EN PN 40	89 (3.5)	75 (2.95)	120 (4.72)	160 (6.3)	200 (7.87)	18 (0.71)	19.5 (0.77)	4.5 (0.18)	8
DN 80 EN PN 63	89 (3.5)	75 (2.95)	120 (4.72)	170 (6.7)	215 (8.46)	22 (0.86)	23.5 (0.92)	4.5 (0.18)	8
DN 80 EN PN 100	89 (3.5)	75 (2.95)	120 (4.72)	180 (7.08)	230 (9.05)	26 (1.02)	31.5 (1.24)	4.5 (0.18)	8
DN 100 EN PN 16	89 (3.5)	75 (2.95)	149 (5.87)	180 (7.08)	220 (8.66)	18 (0.71)	15 (0.59)	5 (0.20)	8

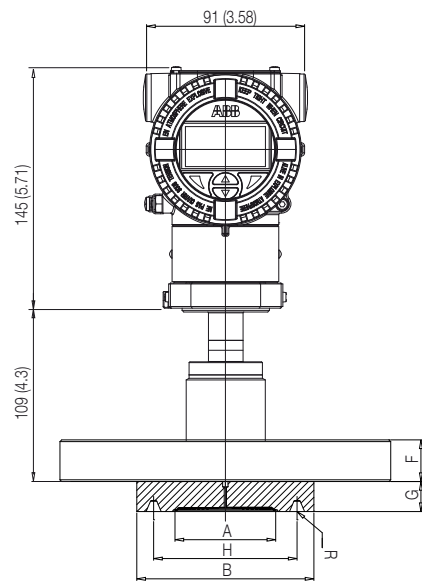
Size/Rating	Dimensions mm. (in) for S26FE Form D										
	diaphragm A (dia)		B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	H (dia)	I (dia)	L	N° of holes
	std. thickness	low thickness									
DN 50 EN PN 16	60 (2.36)	58 (2.28)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	15 (0.59)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 40	60 (2.36)	58 (2.28)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	18 (0.71)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 63	60 (2.36)	58 (2.28)	102 (4.02)	135 (5.31)	180 (7.08)	22 (0.86)	23 (0.91)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 100	60 (2.36)	58 (2.28)	102 (4.02)	145 (5.71)	195 (7.67)	26 (1.02)	27 (1.06)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 80 EN PN 16	89 (3.5)	75 (2.95)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	17 (0.67)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 40	89 (3.5)	75 (2.95)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	21 (0.83)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 63	89 (3.5)	75 (2.95)	138 (5.43)	170 (6.7)	215 (8.46)	22 (0.86)	25 (0.92)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 100	89 (3.5)	75 (2.95)	138 (5.43)	180 (7.08)	230 (9.05)	26 (1.02)	33 (1.3)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 100 EN PN 16	89 (3.5)	75 (2.95)	158 (6.22)	180 (7.08)	220 (8.66)	18 (0.71)	17 (0.67)	128 (5.04)	149 (5.91)	4.5 (0.18)	8

Note 2 - Flange thickness tolerance is +1.0 / -1.3 mm. (+0.04 / 0.05 in.) up to 18 mm or ±1.5 mm. (±0.06 in.) from 18 to 50 mm.

Model 266GDH Gauge

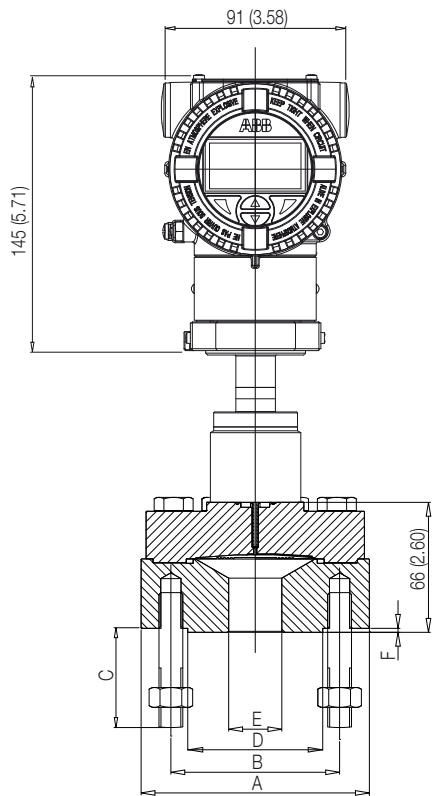
Model 266ADH Absolute

266GDH / 266ADH with barrel housing and direct mount seal S26RR flanged Ring Joint flush diaphragm

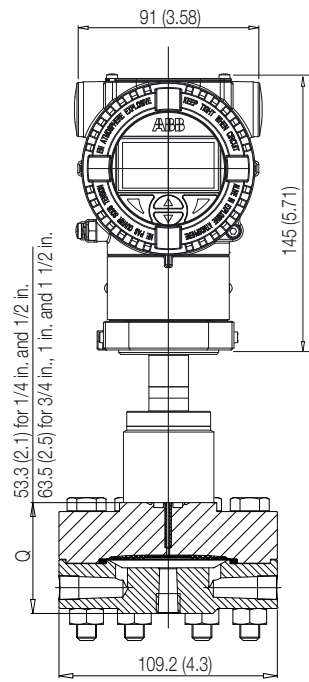


Size/Rating	Dimensions mm. (in.) for S26RR									N° of holes
	A (dia)	B (dia)	C (dia)	D (dia)	E (dia)	F	G	H (dia)	R	
1-1/2 in. ASME CL 150	48 (1.89)	83 (3.27)	98.6 (3.88)	127 (5)	15.75 (0.62)	17.5 (0.69)	17.3 (0.68)	65.1 (2.56)	R19	4
1-1/2 in. ASME CL 300	48 (1.89)	90 (3.54)	114.3 (4.5)	155.5 (6.12)	22.35 (0.88)	20.6 (0.81)	17.3 (0.68)	68.3 (2.69)	R20	4
1-1/2 in. ASME CL 600	48 (1.89)	90 (3.54)	114.3 (4.5)	155.5 (6.12)	22.35 (0.88)	22.4 (0.88)	17.3 (0.68)	68.3 (2.69)	R20	4
1-1/2 in. ASME CL 900/1500	48 (1.89)	92 (3.62)	124 (4.88)	177.8 (7)	28.45 (1.12)	31.8 (1.25)	20.8 (0.82)	68.3 (2.69)	R20	4
2 in. ASME CL 150	60 (2.36)	102 (4.02)	120.65 (4.75)	152.4 (6)	19.05 (0.75)	19.05 (0.75)	17.3 (0.68)	82.6 (3.25)	R22	4
2 in. ASME CL 300	60 (2.36)	108 (4.25)	127 (5)	165.1 (6.5)	19.05 (0.75)	22.35 (0.88)	17.3 (0.68)	82.6 (3.25)	R23	8
2 in. ASME CL 600	60 (2.36)	108 (4.25)	127 (5)	165.1 (6.5)	19.05 (0.75)	25.4 (1)	17.3 (0.68)	82.6 (3.25)	R23	8
2 in. ASME CL 900/1500	60 (2.36)	124 (4.88)	165 (6.5)	215.9 (8.5)	25.4 (1)	38.1 (1.5)	20.8 (0.82)	95.3 (3.75)	R24	8
3 in. ASME CL 150	89 (3.5)	133 (5.24)	152.4 (6)	190.5 (7.5)	19.05 (0.75)	23.87 (0.94)	17.3 (0.68)	114.3 (4.5)	R29	4
3 in. ASME CL 300	89 (3.5)	146 (5.75)	168.15 (6.62)	209.55 (8.25)	22.35 (0.88)	28.44 (1.12)	17.3 (0.68)	123.8 (4.87)	R31	8
3 in. ASME CL 600	89 (3.5)	146 (5.75)	168.15 (6.62)	209.55 (8.25)	22.35 (0.88)	31.75 (1.25)	17.3 (0.68)	123.8 (4.87)	R31	8
3 in. ASME CL 900	89 (3.5)	155 (6.10)	190.5 (7.5)	241.3 (9.5)	25.4 (1)	38.1 (1.50)	20.8 (0.82)	123.8 (4.87)	R31	8
3 in. ASME CL 1500	89 (3.5)	168 (6.61)	203.2 (8)	266.7 (10.5)	31.75 (1.25)	47.8 (1.88)	20.8 (0.82)	136.5 (5.37)	R35	8

**266GDH / 266ADH with barrel housing and
direct mount seal S26Mx off-line flanged**



**266GDH / 266ADH with barrel housing and direct mount
seal S26TT off-line threaded flange**

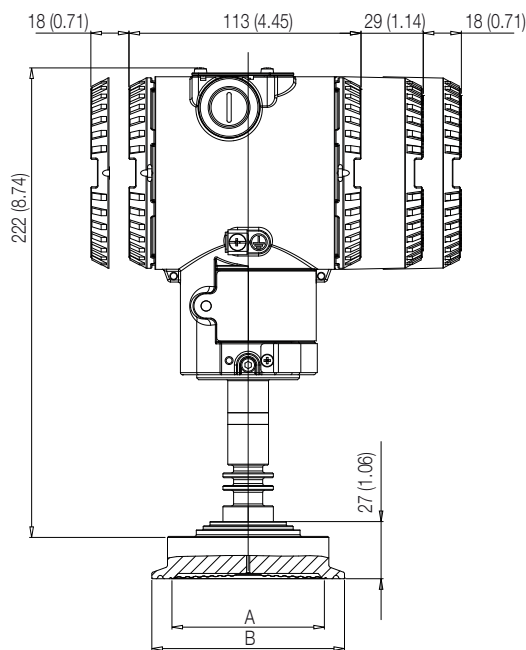


Size/Rating	Dimensions mm. (in.) for S26MA and S26ME						
	A (dia)	B (dia)	C (4 studs)		D (dia)	E (dia)	F
			Length	Thread			
1/2 in. ASME CL 150	110 (4.33)	60.5 (2.38)	39 (1.53)	1/2 in. – 13 UNC	35.1 (1.38)	15.8 (0.62)	1.6 (0.06)
1/2 in. ASME CL 300	110 (4.33)	66.5 (2.62)	39 (1.53)	1/2 in. – 13 UNC	35.1 (1.38)	15.8 (0.62)	1.6 (0.06)
1 in. ASME CL 150	110 (4.33)	79.4 (3.12)	39 (1.53)	1/2 in. – 13 UNC	50.8 (2)	26.7 (1.05)	1.6 (0.06)
1 in. ASME CL 300	124 (4.88)	88.9 (3.5)	51 (2)	5/8 in. – 11 UNC	50.8 (2)	26.7 (1.05)	1.6 (0.06)
1 1/2 in. ASME CL 150	127 (5)	98.4 (3.87)	39 (1.53)	1/2 in. – 13 UNC	73 (2.87)	41 (1.61)	1.6 (0.06)
1 1/2 in. ASME CL 300	155 (6.1)	114.3 (4.5)	57 (2.24)	3/4 in. – 10 UNC	73 (2.87)	41 (1.61)	1.6 (0.06)
DN 25 PN 16-40	115 (4.52)	85 (3.34)	42 (1.65)	M12	68 (2.67)	28.5 (1.12)	2 (0.08)
DN 40 PN 16-40	150 (5.9)	110 (4.33)	48 (1.89)	M16	88 (3.46)	43.1 (1.69)	3 (0.12)

Model 266GDH Gauge

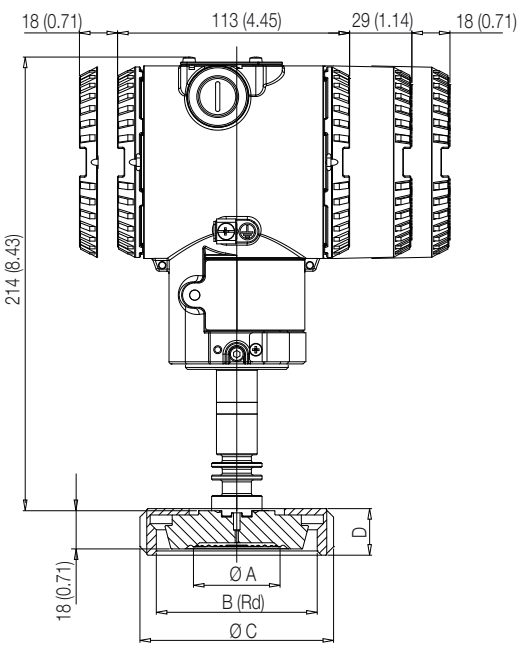
Model 266ADH Absolute

266GDH / 266ADH with barrel housing and direct mount seal S26SS Triclamp



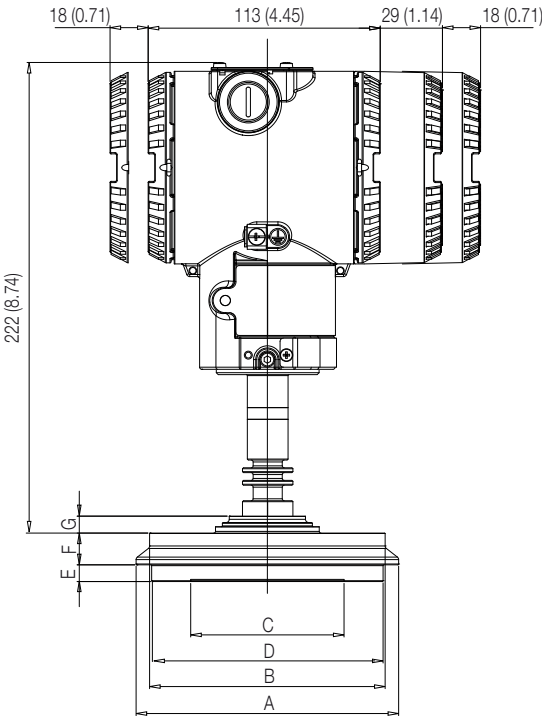
Size	Dimensions mm (in) for S26SS Triclamp	
	A (dia)	B (dia)
2 in.	56.3 (2.2)	64 (2.5)
3 in.	83 (3.26)	91 (3.58)
4 in.	110.3 (4.34)	119 (4.68)

266GDH / 266ADH with barrel housing and direct mount seal S26SS Union Nut



Size	Dimensions mm. (in.) for S26SS Union Nut			
	A (dia)	B (Rd)	C (dia)	D
F50	42 (1.65)	78 (3.07)	92 (3.62)	22 (0.87)
F80	72 (2.83)	110 (4.33)	127 (5)	29 (1.14)

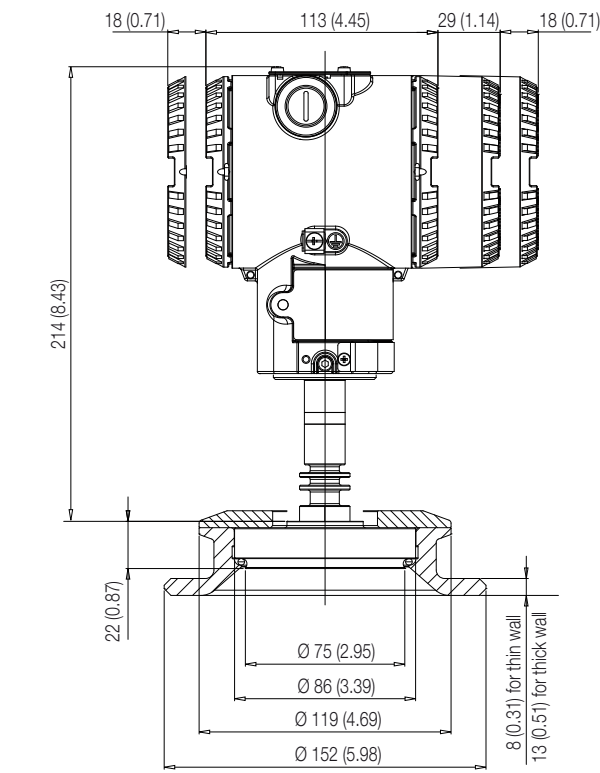
266GDH / 266ADH with barrel housing and direct mount seal S26SS Cherry Burrell



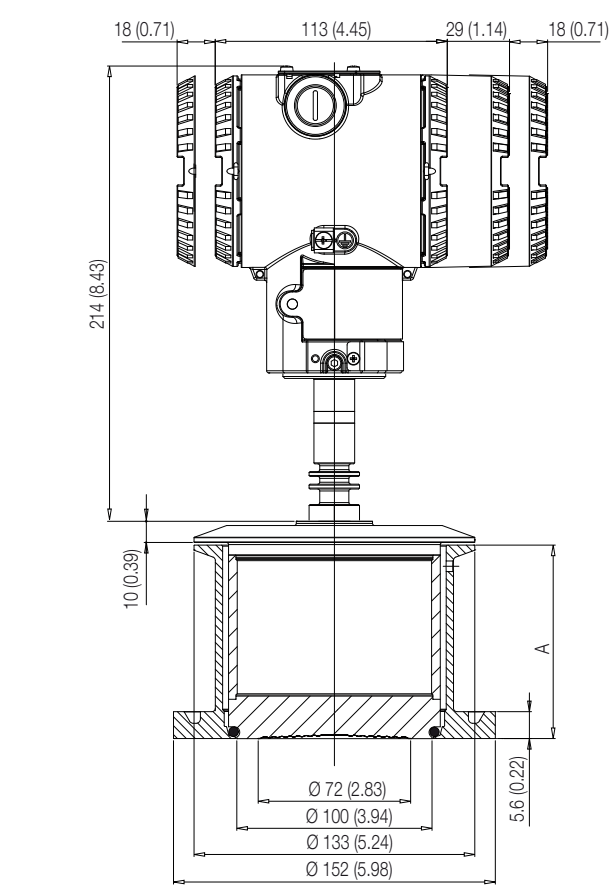
Size	Dimensions mm. (in.) for S26SS Cherry Burrell						
	A (dia)	B (dia)	C (dia)	D (dia)	E	F	G
2 in.	67 (2.64)	56 (2.2)	47.7 (1.88)	57 (2.24)	6.5 (0.26)	12.5 (0.49)	3 (0.12)
3 in.	98.4 (3.87)	81 (3.19)	71 (2.80)	83.8 (3.3)	7.9 (0.31)	15 (0.59)	3 (0.12)
4 in.	124 (4.88)	111.25 (4.38)	71 (2.80)	109.3 (4.3)	7.9 (0.31)	15 (0.59)	3 (0.12)

Model 266GDH Gauge Model 266ADH Absolute

266GDH / 266ADH with barrel housing and direct mount seal S26SS Sanitary flush

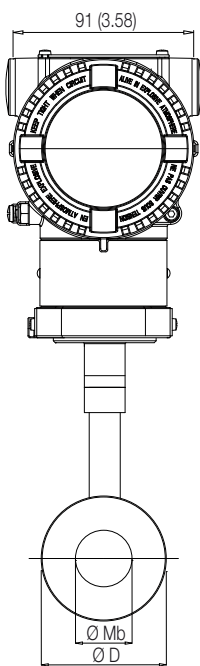
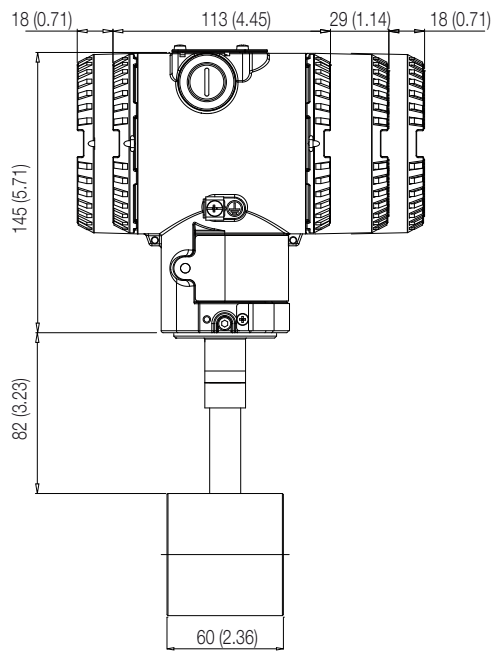


266GDH / 266ADH with barrel housing and direct mount seal S26SS Sanitary extended



Size	Dimensions mm. (in.) for S26SS Sanitary extended
	A
2in	53.3 (2.1)
4in	104.1 (4.1)
6in	154.9 (6.1)

266GDH / 266ADH with barrel housing and direct mount seal S26JN in-line

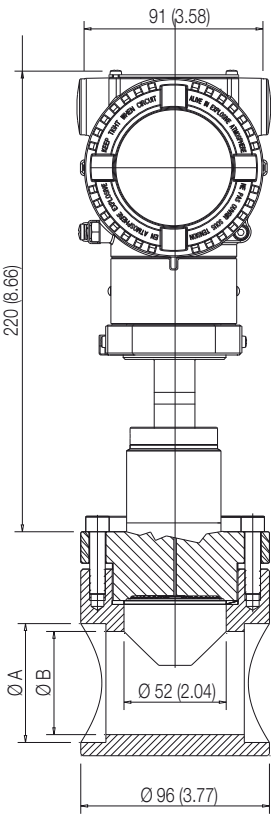
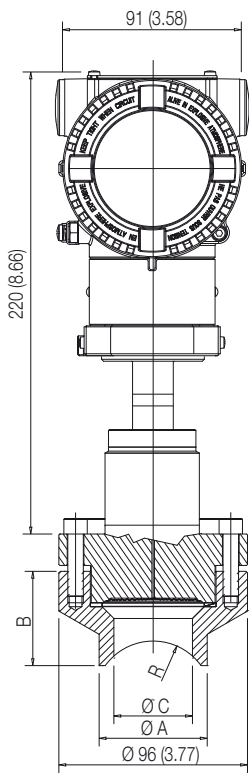


Dimensions mm. (in.) for S26JN		
Size/Rating	D (dia)	Mb (dia)
1 in. / DN 25	63 (2.48)	28.5 (1.12)
1 1/2 in. / DN 40	85 (3.35)	43 (1.69)
2 in. / DN 50	95 (3.74)	54.5 (2.15)
3 in. / DN 80	130 (5.12)	82.5 (3.25)

Model 266GDH Gauge

Model 266ADH Absolute

266GDH / 266ADH with barrel housing and direct mount seal S26VN saddle and socket

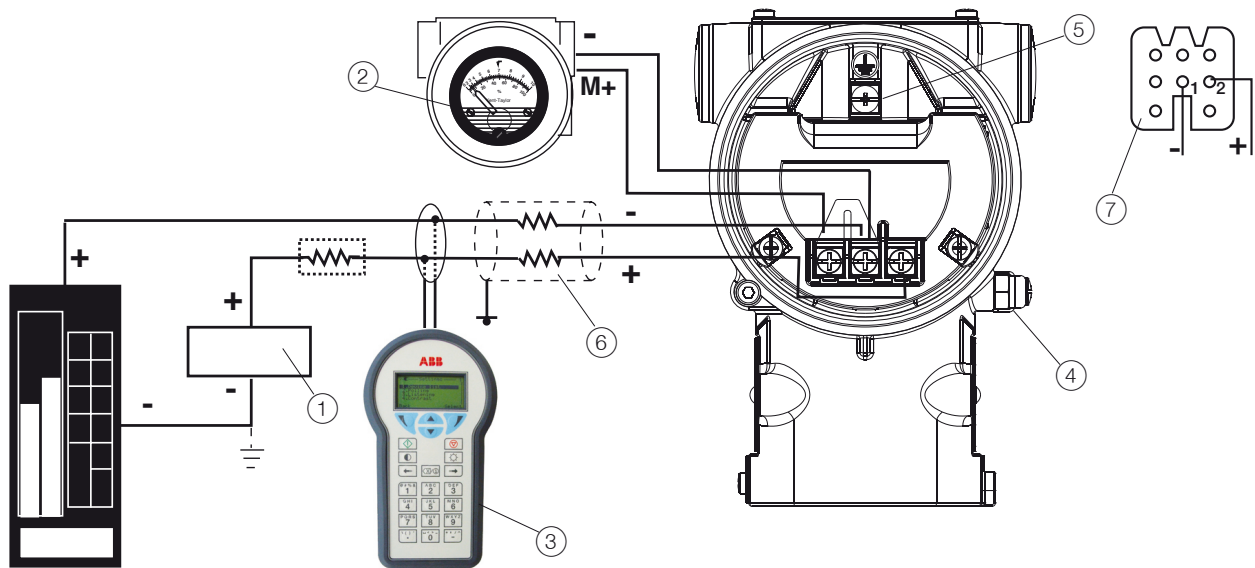


Fitting connection/ Size	Dimensions mm. (in.) for S26VN- saddle type			
	A (dia)	B	C (dia)	R
Saddle 2 in.	55 (2.17)	48 (1.89)	40 (1.57)	30
Saddle 2 1/2 in.	76 (3.0)	45 (1.77)	52 (2.05)	45
Saddle 3 in.	76 (3.0)	45 (1.77)	50 (1.97)	45
Saddle 4 in.	76 (3.0)	41 (1.61)	50 (1.97)	57
Saddle 5 in.	76 (3.0)	40 (1.57)	50 (1.97)	70
Saddle 6 in.	76 (3.0)	36 (1.42)	50 (1.97)	85

Fitting connection/ Size	Dimensions mm. (in.) for S26VN- socket type		
	A (dia)	B	C
Socket 1/2 in.	21.8 (0.86)	15.9 (0.63)	86 (3.39)
Socket 3/4 in.	27 (1.06)	21.2 (0.83)	96 (3.78)
Socket 1 in.	33.6 (1.32)	26.8 (1.06)	101 (3.98)
Socket 1 1/2 in.	48.5 (1.91)	41 (1.61)	121 (4.76)
Socket 2 in.	60.5 (2.38)	52.5 (2.07)	121 (4.76)

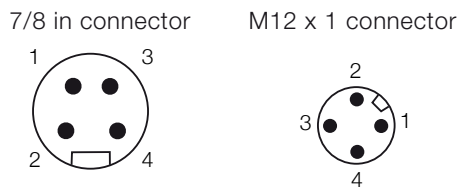
Electrical connections

HART Version



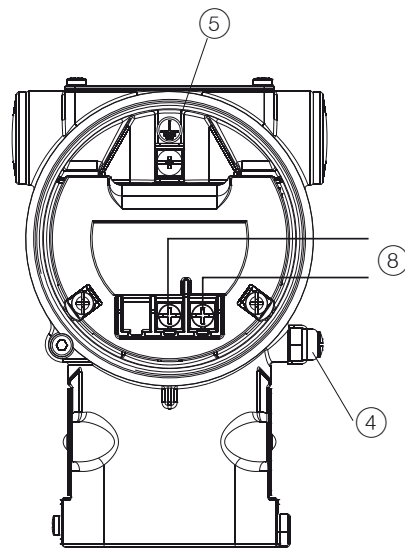
HART hand-held communicator may be connected at any wiring termination point in the loop, providing the minimum resistance is 250 ohm. If this is less than 250 ohm, additional resistance should be added to allow communications. Maximum voltage drop on external remote indicator is 0.7 Vdc

FIELDBUS Versions



PIN (male) IDENTIFICATION		
	FOUNDATION Fieldbus	PROFIBUS PA
1	DATA -	DATA +
2	DATA +	GROUND
3	SHIELD	DATA -
4	GROUND	SHIELD

CONNECTOR IS SUPPLIED LOOSE
WITHOUT MATING FEMALE PLUG



- ① Power source | ② Remote indicator | ③ Handheld communicator | ④ External ground termination point | ⑤ Internal ground termination point | ⑥ Line load | ⑦ Harting Han 8D socket insert for mating plug (supplied loose) | ⑧ Fieldbus line (polarity independent)

Model 266GDH Gauge

Model 266ADH Absolute

Ordering information

BASIC ORDERING INFORMATION model 266GDH Gauge Pressure Transmitter with direct mount seal

Select one character or set of characters from each category and specify complete catalog number.

Refer to additional ordering information and specify one or more codes for each transmitter if additional options are required.

BASE MODEL - 1 st to 6 th characters			2 6 6 G D H	X	X	X	X	X
Gauge Pressure Transmitter with direct mount seal – BASE ACCURACY 0.06 %								
SENSOR - Span limits - 7 th characters								
0.67 and 40 kPa	6.7 and 400 mbar	2.67 and 160 inH2O	F					
4.17 and 250 kPa	41.7 and 2500 mbar	16.7 and 1000 inH2O	L					
16.7 and 1000 kPa	0.167 and 10 bar	2.42 and 145 psi	D					
50 and 3000 kPa	0.5 and 30 bar	7.25 and 435 psi	U					
167 and 10000 kPa	1.67 and 100 bar	24.2 and 1450 psi	R					
1000 and 60000 kPa	10 and 600 bar	145 and 8700 psi	V					
Diaphragm material / Fill fluid - 8 th characters								
Hastelloy C276®	Silicone oil			K				
Hastelloy C276®	Inert fluid - Galden	(Note 1)		F				
Hastelloy C276®	White oil (FDA)			Z				
Process connection (wetted parts) - 9 th characters								
Direct mount seal	(one seal to be quoted separately)						M	
Housing material and electrical connection - 10 th characters								
Aluminium alloy (barrel version)	1/2 in. – 14 NPT							A
Aluminium alloy (barrel version)	M20 x 1.5 (CM 20)							B
Aluminium alloy (barrel version)	Harting Han 8D connector	(general purpose only)			(Note 2)			E
Aluminium alloy (barrel version)	Fieldbus connector	(general purpose only)			(Note 2)			G
AISI 316 L ss (barrel version) (I2 or I3 required)	1/2 in. – 14 NPT							S
AISI 316 L ss (barrel version) (I2 or I3 required)	M20 x 1.5 (CM20)							T
AISI 316 L ss (barrel version) (I2 or I3 required)	Fieldbus connector	(general purpose only)			(Note 2)			Z
AISI 316 L ss painted (barrel version) (I2 or I3 required)	1/2 in. – 14 NPT							C
AISI 316 L ss painted (barrel version) (I2 or I3 required)	M20 x 1.5 (CM20)							D
AISI 316 L ss painted (barrel version) (I2 or I3 required)	Fieldbus connector	(general purpose only)			(Note 2)			F
Aluminium alloy (DIN version)	M20 x 1.5 (CM20)	(not Ex d or XP)						J
Aluminium alloy (DIN version)	Harting Han 8D connector	(general purpose only)			(Note 2)			K
Aluminium alloy (DIN version)	Fieldbus connector	(general purpose only)			(Note 2)			W
Output/Additional options - 11 th characters								
HART and 4 to 20 mA - Advanced functionality	No additional options				(Notes 3, 4)			H
HART and 4 to 20 mA - Advanced functionality	Options requested by "Additional ordering code"				(Note 3)			1
PROFIBUS PA	No additional options				(Notes 3, 4)			P
PROFIBUS PA	Options requested by "Additional ordering code"				(Note 4)			2
FOUNDATION Fieldbus	No additional options				(Notes 3, 4)			F
FOUNDATION Fieldbus	Options requested by "Additional ordering code"				(Note 6)			3
HART and 4 to 20 mA Safety - certified to IEC 61508	No additional options				(Notes 3, 4)			T
HART and 4 to 20 mA Safety - certified to IEC 61508	Options requested by "Additional ordering code"				(Note 3)			8

ADDITIONAL ORDERING INFORMATION for model 266GDH

Add one or more 2-digit code(s) after the basic ordering information to select all required options

	XX	XX	XX
Hazardous area certifications			
ATEX Intrinsic Safety Ex ia	(Notes 3, 4)	E1	
ATEX Explosion Proof Ex d	(Notes 3, 4, 5)	E2	
ATEX Type „N“	(Notes 3, 4)	E3	
Combined ATEX - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EW	
Combined ATEX - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	E7	
Combined ATEX, IECEx, FM Approvals (USA) and FM Approvals (Canada)	(Notes 3, 4, 5,)	EN	
FM Approvals (Canada) approval	(Notes 3, 4, 5,)	E4	
FM Approvals (USA) approval	(Notes 3, 4, 5)	E6	
FM Approvals (USA and Canada) Intrinsic Safety	(Notes 3, 4)	EA	
FM Approvals (USA and Canada) Explosion Proof	(Notes 3, 4, 5)	EB	
FM Approvals (USA and Canada) Nonincendive	(Notes 3, 4)	EC	
IECEx Intrinsic Safety Ex ia	(Notes 3, 4)	E8	
IECEx Explosion Proof Ex d	(Notes 3, 4, 5)	E9	
IECEx Type „N“ Ex nL	(Notes 3, 4)	ER	
Combined IECEx - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EI	
Combined IECEx - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	EH	
NEPSI Intrinsic Safety Ex ia	(Notes 3, 4)	EY	
NEPSI Explosion Proof Ex d	(Notes 3, 4, 5)	EZ	
NEPSI Type „N“	(Notes 3, 4)	ES	
Combined NEPSI - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EQ	
Combined NEPSI - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	EP	
Other hazardous area certifications (ONLY AS ALTERNATIVE TO BASIC CERTIFICATION CODE Ex)			
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Russia	(Notes 3, 4)	W1	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Russia	(Notes 3, 4, 5)	W2	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Russia	(Notes 3, 4, 5)	WC	
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Kazakhstan	(Notes 3, 4)	W3	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Kazakhstan	(Notes 3, 4, 5)	W4	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Kazakhstan	(Notes 3, 4, 5)	WD	
Inmetro (Brazil) Ex ia	(Notes 3, 4)	W5	
Inmetro (Brazil) Ex d	(Notes 3, 4, 5)	W6	
Inmetro (Brazil) Ex nL	(Notes 3, 4)	W7	
Combined Inmetro (Brazil) - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	W8	
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Belarus	(Notes 3, 4)	WF	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Belarus	(Notes 3, 4, 5)	WG	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Belarus	(Notes 3, 4, 5)	WH	
Kosha (Korea) Intrinsic Safety Ex ia IIC T6, IP67	(Notes 3, 4)	WM	
Kosha (Korea) Explosion Proof Ex d IIC T6, IP67	(Notes 3, 4, 5)	WN	
Combined Kosha (Korea) - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	WP	
Integral LCD			
Digital LCD integral display			L1
TTG (Through-The-Glass) digital LCD controlled display			L5
Surge			
Surge/Transient Protector			S2

Model 266GDH Gauge

Model 266ADH Absolute

ADDITIONAL ORDERING INFORMATION for model 266GDH					XX	XX	XX	XX	XX
Operating manual (multiple selection allowed)									
German (FOR HART and PROFIBUS VERSIONS)					M1				
Italian (ONLY FOR HART VERSIONS)					M2				
Spanish (FOR HART and FOUNDATION Fieldbus VERSIONS)					M3				
French (ONLY FOR HART VERSIONS)					M4				
English					M5				
Chinese (ONLY FOR HART VERSIONS)					M6				
Swedish (ONLY FOR HART VERSIONS)					M7				
Polish (ONLY FOR HART VERSIONS)					M9				
Portuguese (ONLY FOR HART VERSIONS)					MA				
Russian (ONLY FOR HART VERSIONS)					MB				
Dutch (ONLY FOR HART VERSIONS)					MD				
Danish (ONLY FOR HART VERSIONS)					MF				
Japanese (ONLY FOR HART VERSIONS)					MJ				
Romenian (ONLY FOR HART VERSIONS)					MR				
Turkish (ONLY FOR HART VERSIONS)					MT				
Plates language									
German						T1			
Italian						T2			
Spanish						T3			
French						T4			
Additional tag plate									
Supplemental wired-on stainless steel plate							I1		
Tag and certification stainless steel plates and laser printing of tag							I2		
Tag, certification and supplemental wired-on stainless steel plates and laser printing of tag							I3		
Configuration									
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F								N2	
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F								N3	
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C								N4	
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C								N5	
Custom								N6	
Certificates (multiple selection allowed)									
Inspection certificate EN 10204–3.1 of calibration (9-point)									C1
Inspection certificate EN 10204–3.1 of the pressure test									C5
Certificate of compliance with the order EN 10204–2.1 of instrument design									C6
Printed record of configured data of transmitter									CG
PMI test of wetted parts									CT

ADDITIONAL ORDERING INFORMATION FOR MODEL 266GDH				XX	XX	XX	XX
Approvals							
GOST (Russia) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)		Y1				
GOST (Kazakhstan) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)		Y2				
GOST (Belarus) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)		Y4				
Chinese pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)		Y5				
DNV approval					YA		
Approval for Custody transfer (PENDING)					YC		
Conformity to NAMUR NE 021 (2004)	(NOT APPLICABLE WITH SURGE PROTECTOR CODE "S2")	(Notes 7, 8)			YE		
Material traceability							
Certificate of compliance with the order EN 10204–2.1 of process wetted parts						H1	
Inspection certificate EN 10204–3.1 of process wetted parts						H3	
Test report EN 10204–2.2 of pressure bearing and process wetted parts						H4	
Connector							
Fieldbus 7/8 in. (Recommended for FOUNDATION Fieldbus) - (supplied loose without mating female plug)		(Notes 4, 6)					U1
Fieldbus M12x1 (Recommended for PROFIBUS PA) - (supplied loose without mating female plug)		(Notes 4, 6)					U2
Harting Han 8D – straight entry - (supplied loose)		(Notes 3, 6)					U3
Harting Han 8D – angle entry - (supplied loose)		(Notes 3, 6)					U4

Note 1: Suitable for oxygen service

Note 2: Select type in additional ordering code

Note 3: Not available with Housing code G, Z, W, F

Note 4: Not available with Housing code E, K

Note 5: Not available with Housing code J, K, W

Note 6: Not available with Housing code, A, B, S, T, J

Note 7: Not available with Output code 2 and 3

Note 8: Not available with Hazardous area certification code EW, EN, E4, E6, EA, EB, EC, EY, EZ, ES, EQ, EP, W1, W2, WC, W3, W4, WD, W5, W6, W7, W8, WF, WG, WH, WM, WN, WP

Standard delivery items (can be differently specified by additional ordering code)

- General purpose (no electrical certification)
- No display, no surge protection
- Multilanguage short-form operating instruction manual and labels in english (metal nameplate; self-adhesive certification and tag)
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model 266ADH Absolute Pressure Transmitter with direct mount seal

Select one character or set of characters from each category and specify complete catalog number.

Refer to additional ordering information and specify one or more codes for each transmitter if additional options are required.

BASE MODEL - 1 st to 6 th characters			2 6 6 A D H				X	X	X	X	X
Absolute Pressure Transmitter with direct mount seal – BASE ACCURACY 0.075 %											
SENSOR - Span limits - 7 th characters											
2 and 40 kPa	20 and 400 mbar	15 and 300 mmHg					F				
12.5 and 250 kPa	125 and 2500 mbar	93.8 and 1875 mmHg					L				
50 and 1000 kPa	0.5 and 10 bar	7.25 and 145 psi					D				
150 and 3000 kPa	1.5 and 30 bar	21.7 and 435 psi					U				
Diaphragm material / Fill fluid - 8 th characters											
Hastelloy C276®		Silicone oil						K			
Hastelloy C276®		Inert fluid - Galden			(Note 1)			F			
Hastelloy C276®		White oil (FDA)						Z			
Process connection (wetted parts) - 9 th characters											
Direct mount seal	(one seal to be quoted separately)								M		
Housing material and electrical connection - 10 th characters											
Aluminium alloy (barrel version)		1/2 in. – 14 NPT								A	
Aluminium alloy (barrel version)		M20 x 1.5 (CM 20)								B	
Aluminium alloy (barrel version)		Harting Han 8D connector			(general purpose only)			(Note 2)		E	
Aluminium alloy (barrel version)		Fieldbus connector			(general purpose only)			(Note 2)		G	
AISI 316 L ss (barrel version) (I2 or I3 required)		1/2 in. – 14 NPT								S	
AISI 316 L ss (barrel version) (I2 or I3 required)		M20 x 1.5 (CM20)								T	
AISI 316 L ss (barrel version) (I2 or I3 required)		Fieldbus connector			(general purpose only)			(Note 2)		Z	
AISI 316 L ss painted (barrel version) (I2 or I3 required)		1/2 in. – 14 NPT								C	
AISI 316 L ss painted (barrel version) (I2 or I3 required)		M20 x 1.5 (CM20)								D	
AISI 316 L ss painted (barrel version) (I2 or I3 required)		Fieldbus connector			(general purpose only)			(Note 2)		F	
Aluminium alloy (DIN version)		M20 x 1.5 (CM20)								J	
Aluminium alloy (DIN version)		Harting Han 8D connector			(general purpose only)			(Note 2)		K	
Aluminium alloy (DIN version)		Fieldbus connector			(general purpose only)			(Note 2)		W	
Output/Additional options - 11 th characters											
HART and 4 to 20 mA - Advanced functionality		No additional options						(Notes 3, 4)		H	
HART and 4 to 20 mA - Advanced functionality		Options requested by “Additional ordering code”						(Note 3)		1	
PROFIBUS PA		No additional options						(Notes 3, 4)		P	
PROFIBUS PA		Options requested by “Additional ordering code”						(Note 4)		2	
FOUNDATION Fieldbus		No additional options						(Notes 3, 4)		F	
FOUNDATION Fieldbus		Options requested by “Additional ordering code”						(Note 4)		3	
HART and 4 to 20 mA Safety - certified to IEC 61508		No additional options						(Notes 3, 4)		T	
HART and 4 to 20 mA Safety - certified to IEC 61508		Options requested by “Additional ordering code”						(Note 3)		8	

ADDITIONAL ORDERING INFORMATION for model 266ADH

Add one or more 2-digit code(s) after the basic ordering information to select all required options

	XX	XX	XX
Hazardous area certifications			
ATEX Intrinsic Safety Ex ia	(Notes 3, 4)	E1	
ATEX Explosion Proof Ex d	(Notes 3, 4, 5)	E2	
ATEX Type „N“	(Notes 3, 4)	E3	
Combined ATEX - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EW	
Combined ATEX - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	E7	
Combined ATEX, IECEx, FM Approvals (USA) and FM Approvals (Canada)	(Notes 3, 4, 5,)	EN	
FM Approvals (Canada) approval	(Notes 3, 4, 5,)	E4	
FM Approvals (USA) approval	(Notes 3, 4, 5)	E6	
FM Approvals (USA and Canada) Intrinsic Safety	(Notes 3, 4)	EA	
FM Approvals (USA and Canada) Explosion Proof	(Notes 3, 4, 5)	EB	
FM Approvals (USA and Canada) Nonincendive	(Notes 3, 4)	EC	
IECEx Intrinsic Safety Ex ia	(Notes 3, 4)	E8	
IECEx Explosion Proof Ex d	(Notes 3, 4, 5)	E9	
IECEx Type „N“ Ex nL	(Notes 3, 4)	ER	
Combined IECEx - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EI	
Combined IECEx - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	EH	
NEPSI Intrinsic Safety Ex ia	(Notes 3, 4)	EY	
NEPSI Explosion Proof Ex d	(Notes 3, 4, 5)	EZ	
NEPSI Type „N“	(Notes 3, 4)	ES	
Combined NEPSI - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	EQ	
Combined NEPSI - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	EP	
Other hazardous area certifications (ONLY AS ALTERNATIVE TO BASIC CERTIFICATION CODE Ex)			
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Russia	(Notes 3, 4)	W1	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Russia	(Notes 3, 4, 5)	W2	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Russia	(Notes 3, 4, 5)	WC	
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Kazakhstan	(Notes 3, 4)	W3	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Kazakhstan	(Notes 3, 4, 5)	W4	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Kazakhstan	(Notes 3, 4, 5)	WD	
Inmetro (Brazil) Ex ia	(Notes 3, 4)	W5	
Inmetro (Brazil) Ex d	(Notes 3, 4, 5)	W6	
Inmetro (Brazil) Ex nL	(Notes 3, 4)	W7	
Combined Inmetro (Brazil) - Intrinsic Safety, Explosion Proof and Type „N“	(Notes 3, 4, 5)	W8	
Technical Regulations Customs Union (EAC) Intrinsic Safety Ex ia for Belarus	(Notes 3, 4)	WF	
Technical Regulations Customs Union (EAC) Explosion Proof Ex d for Belarus	(Notes 3, 4, 5)	WG	
Technical Regulations Customs Union (EAC) combined Ex ia and Ex d for Belarus	(Notes 3, 4, 5)	WH	
Kosha (Korea) Intrinsic Safety Ex ia IIC T6, IP67	(Notes 3, 4)	WM	
Kosha (Korea) Explosion Proof Ex d IIC T6, IP67	(Notes 3, 4, 5)	WN	
Combined Kosha (Korea) - Intrinsic Safety and Explosion Proof	(Notes 3, 4, 5)	WP	
Integral LCD			
Digital LCD integral display		L1	
TTG (Through-The-Glass) digital LCD controlled display		L5	
Surge			
Surge/Transient Protector			S2

Model 266GDH Gauge

Model 266ADH Absolute

ADDITIONAL ORDERING INFORMATION for model 266ADH					XX	XX	XX	XX	XX
Operating manual (multiple selection allowed)									
German (FOR HART and PROFIBUS VERSIONS)					M1				
Italian (ONLY FOR HART VERSIONS)					M2				
Spanish (FOR HART and FOUNDATION Fieldbus VERSIONS)					M3				
French (ONLY FOR HART VERSIONS)					M4				
English					M5				
Chinese (ONLY FOR HART VERSIONS)					M6				
Swedish (ONLY FOR HART VERSIONS)					M7				
Polish (ONLY FOR HART VERSIONS)					M9				
Portuguese (ONLY FOR HART VERSIONS)					MA				
Russian (ONLY FOR HART VERSIONS)					MB				
Dutch (ONLY FOR HART VERSIONS)					MD				
Danish (ONLY FOR HART VERSIONS)					MF				
Japanese (ONLY FOR HART VERSIONS)					MJ				
Romenian (ONLY FOR HART VERSIONS)					MR				
Turkish (ONLY FOR HART VERSIONS)					MT				
Plates language									
German						T1			
Italian						T2			
Spanish						T3			
French						T4			
Additional tag plate									
Supplemental wired-on stainless steel plate							I1		
Tag and certification stainless steel plates and laser printing of tag							I2		
Tag, certification and supplemental wired-on stainless steel plates and laser printing of tag							I3		
Configuration									
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F								N2	
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F								N3	
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C								N4	
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C								N5	
Custom								N6	
Certificates (multiple selection allowed)									
Inspection certificate EN 10204–3.1 of calibration (9-point)									C1
Inspection certificate EN 10204–3.1 of the pressure test									C5
Certificate of compliance with the order EN 10204–2.1 of instrument design									C6
Printed record of configured data of transmitter									CG
PMI test of wetted parts									CT

ADDITIONAL ORDERING INFORMATION FOR MODEL 266ADH			XX	XX	XX	XX
Approvals						
GOST (Russia) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	Y1				
GOST (Kazakhstan) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	Y2				
GOST (Belarus) Metrologic Pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	Y4				
Chinese pattern	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	Y5				
DNV approval				YA		
Approval for Custody transfer (PENDING)				YC		
Conformity to NAMUR NE 021 (2004)	(NOT APPLICABLE WITH SURGE PROTECTOR CODE "S2")	(Notes 7, 8)	YE			
Material traceability						
Certificate of compliance with the order EN 10204–2.1 of process wetted parts						H1
Inspection certificate EN 10204–3.1 of process wetted parts						H3
Test report EN 10204–2.2 of pressure bearing and process wetted parts						H4
Connector						
Fieldbus 7/8 in. (Recommended for FOUNDATION Fieldbus) - (supplied loose without mating female plug)		(Notes 4, 6)				U1
Fieldbus M12x1 (Recommended for PROFIBUS PA) - (supplied loose without mating female plug)		(Notes 4, 6)				U2
Harting Han 8D – straight entry - (supplied loose)		(Notes 3, 6)				U3
Harting Han 8D – angle entry - (supplied loose)		(Notes 3, 6)				U4

Note 1: Suitable for oxygen service

Note 2: Select type in additional ordering code

Note 3: Not available with Housing code G, Z, W, F

Note 4: Not available with Housing code E, K

Note 5: Not available with Housing code J, K, W

Note 6: Not available with Housing code, A, B, S, T, J

Note 7: Not available with Output code 2 and 3

Note 8: Not available with Hazardous area certification code EW, EN, E4, E6, EA, EB, EC, EY, EZ, ES, EQ, EP, W1, W2, WC, W3, W4, WD, W5, W6, W7, W8, WF, WG, WH, WM, WN, WP

Standard delivery items (can be differently specified by additional ordering code)

- General purpose (no electrical certification)
- No display, no surge protection
- Multilanguage short-form operating instruction manual and labels in english (metal nameplate; self-adhesive certification and tag)
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

IMPORTANT REMARK FOR ALL MODELS

THE SELECTION OF SUITABLE WETTED PARTS AND FILLING FLUID FOR COMPATIBILITY WITH THE PROCESS MEDIA IS A CUSTOMER'S RESPONSIBILITY, IF NOT OTHERWISE NOTIFIED BEFORE MANUFACTURING.

NACE COMPLIANCE INFORMATION

- (1) The materials of constructions comply with metallurgical recommendations of NACE MR0175/ISO 15156 for sour oil field production environments. As specific environmental limits may apply to certain materials, please consult latest standard for further details. AISI 316/316 L, Hastelloy C-276, Monel 400 also conform to NACE MR0103 for sour refining environments.
- (2) NACE MR-01-75 addresses bolting requirements in two classes:
 - Exposed bolts: bolts directly exposed to the sour environment or buried, encapsulated or anyway not exposed to atmosphere
 - Non exposed bolts: the bolting must not be directly exposed to sour environments and must be directly exposed to the atmosphere at all times.

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26RA Rotating flange diaphragm seals (flush and extended) to ASME B16.5

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	6	R	A	X	XX	X	X	XX	X	X	X	X
Rotating flange diaphragm seal (Raised face flush and extended) to ASME B16.5																		
Transmitter Side of Connection - 6 th character					continued see next page													
High pressure side					H													
Low pressure side					L													
Mounting Flange Rating / Size - 7 th and 8 th characters																		
ASME CL 150 / 2 in.											E1							
ASME CL 300 / 2 in.											E2							
ASME CL 600 / 2 in.											E3							
ASME CL 900-1500 / 2 in.											E5							
ASME CL 150 / 3 in.											G1							
ASME CL 300 / 3 in.											G2							
ASME CL 600 / 3 in.											G3							
ASME CL 900 / 3 in.											G4							
ASME CL 1500 / 3 in.											G5							
ASME CL 150 / 4 in.											H1							
ASME CL 300 / 4 in.											H2							
Mounting Flange Material - 9 th character																		
Carbon steel											C							
AISI 316 ss											S							
Extensions Length and Material - 10 th character																		
Flush															F			
50 mm (2 in.)					AISI 316 L ss	(Note 1)									1			
50 mm (2 in.)					Hastelloy C-276	(Note 1)									2			
100 mm (4 in.)					AISI 316 L ss	(Note 1)									3			
100 mm (4 in.)					Hastelloy C-276	(Note 1)									4			
150 mm (6 in.)					AISI 316 L ss	(Note 1)									5			
150 mm (6 in.)					Hastelloy C-276	(Note 1)									6			
Diaphragm Material - 11 th and 12 th characters																		
AISI 316 L ss					(Note 2)						NACE				SM			
AISI 316 L ss - Low thickness (not for extended diaphragm)					(Note 3)						NACE				SL			
Hastelloy C-276											NACE				HM			
Hastelloy C-276 - Low thickness (not for extended diaphragm)					(Note 3)						NACE				HL			
Hastelloy C-2000 (not for extended diaphragm)					(Note 3)						NACE				MM			
Hastelloy C-2000 diaphragm and body (not for extended diaphragm)					(Note 3)						NACE				ZM			
Inconel 625 (not for extended diaphragm)					(Note 3)						NACE				LM			
Tantalum (not for extended diaphragm)					(Note 3)										TM			
AISI 316 L ss gold plated (not for extended diaphragm)					(Note 3)						NACE				NM			
AISI 316 L ss with PFA anti-stick coating					(Note 2)						NACE				KM			
Hastelloy C-276 with PFA anti-stick coating											NACE				YM			
AISI 316 L ss with PFA coating anti-corrosion and anti-stick					(Note 2)						NACE				WM			
Diaflex (AISI with anti-abrasion treatment)					(Note 2)						NACE				FM			
Superduplex ss (UNS S32750 to ASTM SA479) (not for extended diaphragm)					(Note 3)						NACE				EM			
Monel (not for extended diaphragm)					(Note 3)						NACE				GM			

BASIC ORDERING INFORMATION model S26RA				S	2	6	R	A	X	XX	X	XX	X	X	X	X	X	X		
Seal Surface Finish - 13 th character													X	X	X	X	X	X	X	
Serrated	(Note 4)								1											
Smooth	(Note 15)								2											
Capillary Protection - 14 th character													A	B	N					
AISI 316 L ss armour																				
AISI 316 L ss armour with PVC protective cover																				
Extension tube for direct mount seal	(Note 5)																			
Capillary Length m (Feet) - 15 th character																				
Direct-mount construction	(Note 6)												1							
1 (3)	(Note 7)												A							
1.5 (5)	(Note 7)												B							
2 (7)	(Note 7)												C							
2.5 (8)	(Note 7)												D							
3 (10)	(Note 7)												E							
3.5 (12)	(Note 7)												F							
4 (13)	(Note 7)												G							
4.5 (15)	(Note 7)												H							
5 (17)	(Note 7)												J							
5.5 (18)	(Note 7)												K							
6 (20)	(Note 7)												L							
6.5 (22)	(Note 7)												M							
7 (23.5)	(Note 7)												N							
7.5 (25)	(Note 7)												P							
8 (27)	(Note 7)												Q							
9 (30)	(Note 7)												R							
10 (33)	(Note 7)												S							
12 (40)	(Note 7)												T							
14 (47)	(Note 7)												U							
16 (53)	(Note 7)												V							
Fill Fluid - 16th character																				
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)												S							
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)												P							
Inert oil - Galden G5	(Oxygen service)				(Note 8)								N							
Inert oil - Halocarbon 4.2	(Oxygen service)				(Note 8)								D							
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)												G							
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)												C							
Mineral oil Esso Marcol 122	(FDA approved)				(Note 9)								W							
Vegetable oil Neobee M-20	(FDA approved)				(Note 9)								A							
Glycerin-water 70%	(FDA approved)				(Note 9)								B							

continued
see next page

continued
see next page

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26RA			S 2 6 R A X XX X X XX X X X X	X	X	X
Flushing Ring: Hole and Thread - 17 th character						
None (TO BE SELECTED FOR EXTENDED VERSIONS)				N		
1 hole - 1/2 in. NPT	(Note 3)			2		
2 holes - 1/2 in. NPT	(Note 3)			3		
1 hole - 1/4 in. NPT	(Note 3)			4		
2 holes - 1/4 in. NPT	(Note 3)			5		
Flushing Ring Material - 18 th character						
None	(Note 10)			N		
AISI 316 L ss	(Note 11)	NACE		A		
Hastelloy C-276	(Notes 11, 12)	NACE		H		
Flushing Ring: Plug and Gasket - 19 th character						
No plug - No gasket						N
No plug - garlock	(Note 11)					A
No plug - PTFE	(Note 11)					B
No plug - graphite	(Note 11)					C
AISI 316 L ss - no gasket	(Notes 11, 13)	NACE				D
AISI 316 L ss - garlock	(Notes 11, 13)	NACE				E
AISI 316 L ss - PTFE	(Notes 11, 13)	NACE				F
AISI 316 L ss - graphite	(Notes 11, 13)	NACE				G
Hastelloy C-276 - no gasket	(Notes 11, 14)	NACE				H
Hastelloy C-276 - garlock	(Notes 11, 14)	NACE				L
Hastelloy C-276 - PTFE	(Notes 11, 14)	NACE				M
Hastelloy C-276 - graphite	(Notes 11, 14)	NACE				P

Note 1: Not available with mounting flange rating code E3, E5, G3, G4, G5
Note 2: Not available with extensions length and material code 2, 4, 6
Note 3: Not available with extensions length and material code 1, 2, 3, 4, 5, 6
Note 4: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM
Note 5: Not available with transmitter side of connection code L
Note 6: Not available with capillary protection code A, B
Note 7: Not available with capillary protection code N
Note 8: Suitable for oxygen service
Note 9: Suitable for food application
Note 10: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 11: Not available with Flushing ring: hole and thread code N
Note 12: Not available with Seal surface finish code 1
Note 13: Not available with Hastelloy C-276 flushing ring material code H
Note 14: Not available with AISI 316 L flushing ring material code A
Note 15: Not available with diaphragm material code ZM

BASIC ORDERING INFORMATION model S26RE Rotating flange diaphragm seals (flush and extended) to EN 1092-1

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	R	E	X	XX	X	X	XX	X	X	X	X	X
Rotating flange diaphragm seal (flush and extended) to EN 1092-1																		
Transmitter Side of Connection - 6 th character																		
High pressure side									H									
Low pressure side									L									
Mounting Flange Rating / Size - 7 th and 8 th characters																		
PN 16 - 40 / DN 50											N2							
PN 63 / DN 50											N3							
PN 100 / DN 50											N4							
PN 16 / DN 80											P1							
PN 40 / DN 80											P2							
PN 63 / DN 80											P3							
PN 100 / DN 80											P4							
PN 16 / DN 100											Q1							
PN 40 / DN 100											Q2							
Mounting Flange Material - 9 th character																		
Carbon steel											C							
AISI 316 ss											S							
Extensions Length and Material - 10 th character																		
Flush														F				
50 mm (2 in.)					AISI 316 L ss	(Note 1)								1				
50 mm (2 in.)					Hastelloy C-276	(Note 1)								2				
100 mm (4 in.)					AISI 316 L ss	(Note 1)								3				
100 mm (4 in.)					Hastelloy C-276	(Note 1)								4				
150 mm (6 in.)					AISI 316 L ss	(Note 1)								5				
150 mm (6 in.)					Hastelloy C-276	(Note 1)								6				
Diaphragm Material - 11 th and 12 th characters																		
AISI 316 L ss					(Note 2)					NACE				SM				
AISI 316 L ss - Low thickness (not for extended diaphragm)					(Note 3)					NACE				SL				
Hastelloy C-276										NACE				HM				
Hastelloy C-276 - Low thickness (not for extended diaphragm)					(Note 3)					NACE				HL				
Hastelloy C-2000 (not for extended diaphragm)					(Note 3)					NACE				MM				
Inconel 625 (not for extended diaphragm)					(Note 3)					NACE				LM				
Tantalum (not for extended diaphragm)					(Note 3)									TM				
AISI 316 L ss gold plated (not for extended diaphragm)					(Note 3)					NACE				NM				
AISI 316 L ss with PFA anti-stick coating					(Note 2)					NACE				KM				
Hastelloy C-276 with PFA anti-stick coating										NACE				YM				
AISI 316 L ss with PFA coating anti-corrosion and anti-stick					(Note 2)					NACE				WM				
Diaflex (AISI with anti-abrasion treatment)					(Note 2)					NACE				FM				
Superduplex ss (UNS S32750 to ASTM SA479) (not for extended diaphragm)					(Note 3)					NACE				EM				
Monel					(Note 3)					NACE				GM				

continued
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Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26RE				S	2	6	R	E	X	XX	X	X	XX	X	X	X	X	X	X	X
Seal Surface Finish - 13 th character																				
Serrated		(Note 4)									1									
Smooth											2									
Capillary Protection - 14 th character																				
AISI 316 L ss armour																A				
AISI 316 L ss armour with PVC protective cover																B				
Extension tube for direct mount seal		(Note 5)														N				
Capillary Length m (Feet) - 15 th character																				
Direct-mount construction		(Note 6)														1				
1 (3)		(Note 7)														A				
1.5 (5)		(Note 7)														B				
2 (7)		(Note 7)														C				
2.5 (8)		(Note 7)														D				
3 (10)		(Note 7)														E				
3.5 (12)		(Note 7)														F				
4 (13)		(Note 7)														G				
4.5 (15)		(Note 7)														H				
5 (17)		(Note 7)														J				
5.5 (18)		(Note 7)														K				
6 (20)		(Note 7)														L				
6.5 (22)		(Note 7)														M				
7 (23.5)		(Note 7)														N				
7.5 (25)		(Note 7)														P				
8 (27)		(Note 7)														Q				
9 (30)		(Note 7)														R				
10 (33)		(Note 7)														S				
12 (40)		(Note 7)														T				
14 (47)		(Note 7)														U				
16 (53)		(Note 7)														V				
Fill Fluid - 16 th character																				
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)															S				
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)															P				
Inert oil - Galden G5	(Oxygen service)	(Note 8)														N				
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 8)														D				
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)															G				
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)															C				
Mineral oil Esso Marcol 122	(FDA approved)	(Note 9)														W				
Vegetable oil Neobee M-20	(FDA approved)	(Note 9)														A				
Glycerin-water 70%	(FDA approved)	(Note 9)														B				

continued
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BASIC ORDERING INFORMATION model S26RE			S 2 6 R E X XX X X X X X X X X	X	X	X
Flushing Ring: Hole and Thread - 17 th character						
None (TO BE SELECTED FOR EXTENDED VERSIONS)				N		
1 hole - 1/2 in. NPT	(Note 3)			2		
2 holes - 1/2 in. NPT	(Note 3)			3		
1 hole - 1/4 in. NPT	(Note 3)			4		
2 holes - 1/4 in. NPT	(Note 3)			5		
Flushing Ring Material - 18 th character						
None	(Note 10)			N		
AISI 316 L ss	(Note 11)	NACE		A		
Hastelloy C-276	(Notes 11, 12)	NACE		H		
Flushing Ring: Plug and Gasket - 19 th character						
No plug - No gasket						N
No plug - garlock	(Note 11)					A
No plug - PTFE	(Note 11)					B
No plug - graphite	(Note 11)					C
AISI 316 L ss - no gasket	(Notes 11, 13)	NACE				D
AISI 316 L ss - garlock	(Notes 11, 13)	NACE				E
AISI 316 L ss - PTFE	(Notes 11, 13)	NACE				F
AISI 316 L ss - graphite	(Notes 11, 13)	NACE				G
Hastelloy C-276 - no gasket	(Notes 11, 14)	NACE				H
Hastelloy C-276 - garlock	(Notes 11, 14)	NACE				L
Hastelloy C-276 - PTFE	(Notes 11, 14)	NACE				M
Hastelloy C-276 - graphite	(Notes 11, 14)	NACE				P

Note 1: Not available with mounting flange rating code N3, N4, P3, P4

Note 2: Not available with extensions length and material code 2, 4, 6

Note 3: Not available with extensions length and material code 1, 2, 3, 4, 5, 6

Note 4: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM

Note 5: Not available with transmitter side of connection code L

Note 6: Not available with capillary protection code A, B

Note 7: Not available with capillary protection code N

Note 8: Suitable for oxygen service

Note 9: Suitable for food application

Note 10: Not available with Flushing ring: hole and thread code 2, 3, 4, 5

Note 11: Not available with Flushing ring: hole and thread code N

Note 12: Not available with Seal surface finish code 1

Note 13: Not available with Hastelloy C-276 flushing ring material code H

Note 14: Not available with AISI 316 L flushing ring material code A

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26RJ Rotating flange diaphragm seals (flush) to JIS

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters	S 2 6 R J	X	XX	X	X	XX	X	X	X	X	X	X	X	X
Rotating flange diaphragm seal (flush) to JIS														
Transmitter Side of Connection - 6 th character														
High pressure side		H												
Low pressure side		L												
Mounting Flange Rating / Size - 7 th and 8 th characters														
10K / A50			B2											
20K / A50			B4											
40K / A50			B6											
10K / A80			C2											
20K / A80			C4											
40K / A80			C6											
10K / A100			D2											
20K / A100			D4											
Mounting Flange Material - 9 th character														
Carbon steel				C										
AISI 316 ss				S										
Extensions Length - 10 th character														
Flush					F									
Diaphragm Material - 11 th and 12 th characters														
AISI 316 L ss		NACE				SM								
Hastelloy C-276		NACE				HM								
Hastelloy C-2000		NACE				MM								
Inconel 625		NACE				LM								
Tantalum						TM								
AISI 316 L ss gold plated		NACE				NM								
AISI 316 L ss with PFA anti-stick coating		NACE				KM								
Hastelloy C-276 with PFA anti-stick coating		NACE				YM								
AISI 316 L ss with PFA coating anti-corrosion and anti-stick		NACE				WM								
Superduplex ss (UNS S32750 to ASTM SA479)		NACE				EM								
Seal Surface Finish - 13 th character														
Serrated	(Note 1)						1							
Smooth							2							
Capillary Protection - 14 th character														
AISI 316 L ss armour												A		
AISI 316 L ss armour with PVC protective cover												B		
Extension tube for direct mount seal	(Note 2)											N		

continued
see next page

BASIC ORDERING INFORMATION model S26RJ			S	2	6	R	J	X	X	X	X	X	X	X	X	X	X	X	X
Capillary Length m (Feet) - 15 th character																			
Direct-mount construction	(Note 3)																		
1 (3)	(Note 4)																		
1.5 (5)	(Note 4)																		
2 (7)	(Note 4)																		
2.5 (8)	(Note 4)																		
3 (10)	(Note 4)																		
3.5 (12)	(Note 4)																		
4 (13)	(Note 4)																		
4.5 (15)	(Note 4)																		
5 (17)	(Note 4)																		
5.5 (18)	(Note 4)																		
6 (20)	(Note 4)																		
6.5 (22)	(Note 4)																		
7 (23.5)	(Note 4)																		
7.5 (25)	(Note 4)																		
8 (27)	(Note 4)																		
9 (30)	(Note 4)																		
10 (33)	(Note 4)																		
12 (40)	(Note 4)																		
14 (47)	(Note 4)																		
16 (53)	(Note 4)																		
Fill Fluid - 16 th character																			
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)																		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)																		
Inert oil - Galden G5	(Oxygen service)	(Note 5)																	
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 5)																	
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)																		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)																		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 6)																	
Vegetable oil Neobee M-20	(FDA approved)	(Note 6)																	
Glycerin-water 70%	(FDA approved)	(Note 6)																	
Flushing Ring: Hole and Thread - 17 th character																			
None																			
Flushing Ring Material - 18 th character																			
None																			
Flushing Ring: Plug and Gasket - 19 th character																			
None																			

Note 1: Not available with diaphragm material code HM, MM, LM, TN, NM, KM, YM, WM

Note 2: Not available with transmitter side of connection code L

Note 3: Not available with capillary protection code A, B

Note 4: Not available with capillary protection code N

Note 5: Suitable for oxygen service

Note 6: Suitable for food application

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26RR Rotating flange diaphragm seals (flush) - Ring Joint

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters	S 2 6 R R	X	XX	X	X	XX	X	X	X	X	X	X	X	X
Rotating flange diaphragm seal (flush) Ring Joint to ASME B16.5														
Transmitter Side of Connection - 6 th character														
High pressure side	H													
Low pressure side	L													
Mounting Flange Rating / Size - 7 th and 8 th characters														
ASME CL 150 / 1 1/2 in.		D1												
ASME CL 300 / 1 1/2 in.		D2												
ASME CL 600 / 1 1/2 in.		D3												
ASME CL 900-1500 / 1 1/2 in.		D5												
ASME CL 2500 / 1 1/2 in.		D6												
ASME CL 150 / 2 in.		E1												
ASME CL 300 / 2 in.		E2												
ASME CL 600 / 2 in.		E3												
ASME CL 900-1500 / 2 in.		E5												
ASME CL 2500 / 2 in.		E6												
ASME CL 150 / 3 in.		G1												
ASME CL 300 / 3 in.		G2												
ASME CL 600 / 3 in.		G3												
ASME CL 900 / 3 in.		G4												
ASME CL 1500 / 3 in.		G5												
ASME CL 2500 / 3 in.		G6												
Mounting Flange Material - 9 th character														
Carbon steel		C												
AISI 316 ss		S												
Extensions Length - 10 th character														
Flush						F								
Diaphragm Material - 11 th and 12 th characters														
AISI 316 L ss		NACE				SM								
Hastelloy C-276		NACE				HM								
Inconel 625		NACE				LM								
Seal Surface Finish - 13 th character														
Ring joint								3						
Capillary Protection - 14 th character														
AISI 316 L ss armour													A	
AISI 316 L ss armour with PVC protective cover													B	
Extension tube for direct mount seal (Note 1)													N	

continued
see next page

BASIC ORDERING INFORMATION model S26RR			S	2	6	R	R	X	X	X	X	X	X	X	X	X	X	X	X	X
Capillary Length m (Feet) - 15 th character																				
Direct-mount construction	(Note 2)		1																	
1 (3)	(Note 3)		A																	
1.5 (5)	(Note 3)		B																	
2 (7)	(Note 3)		C																	
2.5 (8)	(Note 3)		D																	
3 (10)	(Note 3)		E																	
3.5 (12)	(Note 3)		F																	
4 (13)	(Note 3)		G																	
4.5 (15)	(Note 3)		H																	
5 (17)	(Note 3)		J																	
5.5 (18)	(Note 3)		K																	
6 (20)	(Note 3)		L																	
6.5 (22)	(Note 3)		M																	
7 (23.5)	(Note 3)		N																	
7.5 (25)	(Note 3)		P																	
8 (27)	(Note 3)		Q																	
9 (30)	(Note 3)		R																	
10 (33)	(Note 3)		S																	
12 (40)	(Note 3)		T																	
14 (47)	(Note 3)		U																	
16 (53)	(Note 3)		V																	
Fill Fluid - 16 th character																				
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)																S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)																P			
Inert oil - Galden G5	(Oxygen service)	(Note 4)															N			
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 4)															D			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)																G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)																C			
Mineral oil Esso Marcol 122	(FDA approved)	(Note 5)															W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)															A			
Glycerin-water 70%	(FDA approved)	(Note 5)															B			
Flushing Ring: Hole and Thread - 17 th character																				
None																		N		
Flushing Ring Material - 18 th character																				
None																			N	
Flushing Ring: Plug and Gasket - 19 th character																				
None																				N

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26FA Fixed flange diaphragm seals (flush) to ASME B16.5

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	F	A	X	XX	X	X	XX	X	X	X	X	X
Fixed flange diaphragm seal (flush) to ASME B16.5																		
Transmitter Side of Connection - 6 th character																		
High pressure side					H													
Low pressure side					L													
Mounting Flange Rating / Size - 7 th and 8 th characters																		
ASME CL 150 / 2 in.										E1								
ASME CL 300 / 2 in.										E2								
ASME CL 600 / 2 in.										E3								
ASME CL 150 / 3 in.										G1								
ASME CL 300 / 3 in.										G2								
ASME CL 600 / 3 in.										G3								
ASME CL 150 / 4 in.										H1								
Mounting Flange Material - 9 th character																		
AISI 316 L ss											S							
Extensions Length and Material - 10 th character																		
Flush													F					
50 mm (2 in.)							AISI 316 L ss							1				
100 mm (4 in.)							AISI 316 L ss							3				
150 mm (6 in.)							AISI 316 L ss							5				
Diaphragm Material - 11 th and 12 th characters																		
AISI 316 L ss										NACE						SM		
AISI 316 L ss - Low thickness							(Note 1)			NACE						SL		
Hastelloy C-276										NACE						HM		
Hastelloy C-276 - Low thickness							(Note 1)			NACE						HL		
Hastelloy C-2000							(Note 1)			NACE						MM		
Inconel 625							(Note 1)			NACE						LM		

continued
see next page

BASIC ORDERING INFORMATION model S26FA				S	2	F	A	X	X	X	X	X	X	X	X	X	X
Seal Surface Finish - 13 th character																	
Serrated	(Note 2)																
Smooth																	
Capillary Protection - 14 th character																	
AISI 316 L ss armour																	
AISI 316 L ss armour with PVC protective cover																	
Extension tube for direct mount seal	(Note 3)																
Capillary Length m (Feet) - 15 th character																	
Direct-mount construction	(Note 4)																
1 (3)	(Note 5)																
1.5 (5)	(Note 5)																
2 (7)	(Note 5)																
2.5 (8)	(Note 5)																
3 (10)	(Note 5)																
3.5 (12)	(Note 5)																
4 (13)	(Note 5)																
4.5 (15)	(Note 5)																
5 (17)	(Note 5)																
5.5 (18)	(Note 5)																
6 (20)	(Note 5)																
6.5 (22)	(Note 5)																
7 (23.5)	(Note 5)																
7.5 (25)	(Note 5)																
8 (27)	(Note 5)																
9 (30)	(Note 5)																
10 (33)	(Note 5)																
12 (40)	(Note 5)																
14 (47)	(Notes1, 5)																
16 (53)	(Notes1, 5)																
Fill Fluid - 16 th character																	
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)																S
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)																P
Inert oil - Galden G5	(Oxygen service)	(Note 6)															N
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 6)															D
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)																G
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)																C
Mineral oil Esso Marcol 122	(FDA approved)	(Note 7)															W
Vegetable oil Neobee M-20	(FDA approved)	(Note 7)															A
Glycerin-water 70%	(FDA approved)	(Note 7)															B

continued
see next page

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26FA			S 2 6 F A X XX X X XX X X X X	X	X	X
Flushing Ring: Hole and Thread - 17 th character						
None				N		
1 hole - 1/2 in. NPT	(Note 1)			2		
2 holes - 1/2 in. NPT	(Note 1)			3		
1 hole - 1/4 in. NPT	(Note 1)			4		
2 holes - 1/4 in. NPT	(Note 1)			5		
Flushing Ring Material - 18 th character						
None	(Note 8)				N	
AISI 316 L ss	(Note 9)	NACE			A	
Hastelloy C-276	(Notes 9, 10)	NACE			H	
Flushing Ring: Plug and Gasket - 19 th character						
No plug - No gasket						N
No plug - garlock	(Note 9)					A
No plug - PTFE	(Note 9)					B
No plug - graphite	(Note 9)					C
AISI 316 L ss - no gasket	(Notes 9, 11)	NACE				D
AISI 316 L ss - garlock	(Notes 9, 11)	NACE				E
AISI 316 L ss - PTFE	(Notes 9, 11)	NACE				F
AISI 316 L ss - graphite	(Notes 9, 11)	NACE				G
Hastelloy C-276 - no gasket	(Notes 9, 12)	NACE				H
Hastelloy C-276 - garlock	(Notes 9, 12)	NACE				L
Hastelloy C-276 - PTFE	(Notes 9, 12)	NACE				M
Hastelloy C-276 - graphite	(Notes 9, 12)	NACE				P

Note 1: Not available with extensions length and material code 1, 3, 5

Note 2: Not available with diaphragm material code MM, LM

Note 3: Not available with transmitter side of connection code L

Note 4: Not available with capillary protection code A, B

Note 5: Not available with capillary protection code N

Note 6: Suitable for oxygen service

Note 7: Suitable for food application

Note 8: Not available with Flushing ring: hole and thread code 2, 3, 4, 5

Note 9: Not available with Flushing ring: hole and thread code N

Note 10: Not available with Seal surface finish code 1

Note 11: Not available with Hastelloy C-276 flushing ring material code H

Note 12: Not available with AISI 316 L flushing ring material code A

BASIC ORDERING INFORMATION model S26FE Fixed flange diaphragm seals (flush) to EN 1092-1

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	F	E	X	XX	X	X	XX	X	X	X	X	X
Fixed flange diaphragm seal (flush) to EN 1092-1																		
Transmitter Side of Connection - 6 th character																		
High pressure side									H									
Low pressure side									L									
Mounting Flange Rating / Size - 7 th and 8 th characters																		
PN 16 / DN 50										N1								
PN 40 / DN 50										N2								
PN 63 / DN 50										N3								
PN 100 / DN 50										N4								
PN 16 / DN 80										P1								
PN 40 / DN 80										P2								
PN 63 / DN 80										P3								
PN 100 / DN 80										P4								
PN 16 / DN 100										Q1								
Mounting Flange Material - 9 th character																		
AISI 316 L ss											S							
Extensions Length - 10 th character																		
Flush													F					
50 mm (2 in.)							AISI 316 L ss						1					
100 mm (4 in.)							AISI 316 L ss						3					
150 mm (6 in.)							AISI 316 L ss						5					
Diaphragm Material - 11 th and 12 th characters																		
AISI 316 L ss										NACE							SM	
AISI 316 L ss - Low thickness (not for extended diaphragm)							(Note 1)			NACE							SL	
Hastelloy C-276										NACE							HM	
Hastelloy C-276 - Low thickness (not for extended diaphragm)							(Note 1)			NACE							HL	
Hastelloy C-2000 (not for extended diaphragm)							(Note 1)			NACE							MM	
Inconel 625 (not for extended diaphragm)							(Note 1)			NACE							LM	

continued
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Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26FE			S	2	6	F	E	X	XX	X	X	X	X	X	X	X
Seal Surface Finish - 13 th character																
Serrated	(Note 2)									1						
Smooth										2						
Form E - Spigot type	(Notes 1, 3)									4						
Form D - Groove type	(Notes 1, 3, 4)									6						
Capillary Protection - 14 th character																
AISI 316 L ss armour											A					
AISI 316 L ss armour with PVC protective cover											B					
Extension tube for direct mount seal	(Note 5)										N					
Capillary Length m (Feet) - 15 th character																
Direct-mount construction	(Note 6)											1				
1 (3)	(Note 7)											A				
1.5 (5)	(Note 7)											B				
2 (7)	(Note 7)											C				
2.5 (8)	(Note 7)											D				
3 (10)	(Note 7)											E				
3.5 (12)	(Note 7)											F				
4 (13)	(Note 7)											G				
4.5 (15)	(Note 7)											H				
5 (17)	(Note 7)											J				
5.5 (18)	(Note 7)											K				
6 (20)	(Note 7)											L				
6.5 (22)	(Note 7)											M				
7 (23.5)	(Note 7)											N				
7.5 (25)	(Note 7)											P				
8 (27)	(Note 7)											Q				
9 (30)	(Note 7)											R				
10 (33)	(Note 7)											S				
12 (40)	(Note 7)											T				
14 (47)	(Notes 1, 7)											U				
16 (53)	(Notes 1, 7)											V				
Fill Fluid - 16 th character																
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)												S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)												P			
Inert oil - Galden G5	(Oxygen service)	(Note 8)											N			
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 8)											D			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)												G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)												C			
Mineral oil Esso Marcol 122	(FDA approved)	(Note 9)											W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 9)											A			
Glycerin-water 70%	(FDA approved)	(Note 9)											B			

continued
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BASIC ORDERING INFORMATION model S26FE			S 2 6 F E X XX X X XX X X X X X	X	X	X
Flushing Ring: Hole and Thread - 17 th character						
None				N		
1 hole - 1/2 in. NPT	(Notes 1, 10)			2		
2 holes - 1/2 in. NPT	(Notes 1, 10)			3		
1 hole - 1/4 in. NPT	(Notes 1, 10)			4		
2 holes - 1/4 in. NPT	(Notes 1, 10)			5		
Flushing Ring Material - 18 th character						
None	(Note 11)			N		
AISI 316 L ss	(Note 12)	NACE		A		
Hastelloy C-276	(Notes 12, 13)	NACE		H		
Flushing Ring: Plug and Gasket - 19 th character						
No plug - No gasket						N
No plug - garlock	(Note 12)					A
No plug - PTFE	(Note 12)					B
No plug - graphite	(Note 12)					C
AISI 316 L ss - no gasket	(Notes 12, 14)	NACE				D
AISI 316 L ss - garlock	(Notes 12, 14)	NACE				E
AISI 316 L ss - PTFE	(Notes 12, 14)	NACE				F
AISI 316 L ss - graphite	(Notes 12, 14)	NACE				G
Hastelloy C-276 - no gasket	(Notes 12, 15)	NACE				H
Hastelloy C-276 - garlock	(Notes 12, 15)	NACE				L
Hastelloy C-276 - PTFE	(Notes 12, 15)	NACE				M
Hastelloy C-276 - graphite	(Notes 12, 15)	NACE				P

Note 1: Not available with extensions length and material code 1, 3, 5

Note 2: Not available with diaphragm material code MM, LM

Note 3: Not available with DN 100 size code Q1

Note 4: Not available with diaphragm material code HM, HL, MM, LM

Note 5: Not available with transmitter side of connection code L

Note 6: Not available with capillary protection code A, B

Note 7: Not available with capillary protection code N

Note 8: Suitable for oxygen service

Note 9: Suitable for food application

Note 10: Not available with Seal surface finish code 4, 6

Note 11: Not available with Flushing ring: hole and thread code 2, 3, 4, 5

Note 12: Not available with Flushing ring: hole and thread code N

Note 13: Not available with Seal surface finish code 1

Note 14: Not available with Hastelloy C-276 flushing ring material code H

Note 15: Not available with AISI 316 L flushing ring material code A

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26MA Off-line flange diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	M	A	X	XX	X	XX	X	X	X	X	X
Off-line flange diaphragm seal to ASME B16.5																	
Transmitter Side of Connection - 6 th character																	
High pressure side									H								
Low pressure side									L								
Mounting Flange Rating / Size - 7 th and 8 th characters																	
ASME CL 150 / 1/2 in.										A1							
ASME CL 300 / 1/2 in.										A2							
ASME CL 150 / 1 in.										C1							
ASME CL 300 / 1 in.										C2							
ASME CL 150 / 1 1/2 in.										D1							
ASME CL 300 / 1 1/2 in.										D2							
Mounting Flange Material / Seat Form - 9 th character																	
AISI 316 ss / Form RF (raised face) - serrated finish					NACE	(Note 6)				S							
Hastelloy C-276 / Form RF (raised face) - serrated finish					NACE	(Note 6)				H							
Hastelloy C-2000 / Form RF (raised face) - serrated finish					NACE	(Note 7)				Y							
Diaphragm Material - 10 th and 11 th characters																	
AISI 316 L ss					NACE						SM						
Hastelloy C-276					NACE						HM						
Hastelloy C-2000					NACE						MM						
Hastelloy C-2000 diaphragm and body					NACE						ZM						
Inconel 625					NACE						LM						
Tantalum											TM						
AISI 316 L ss gold plated					NACE						NM						
Capillary Protection - 12 th character																	
AISI 316 L ss armour													A				
AISI 316 L ss armour with PVC protective cover													B				
Extension tube for direct mount seal						(Note 1)							N				

continued
see next page

BASIC ORDERING INFORMATION model S26MA			S 2 6 M A X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13 th character							
Direct-mount construction	(Note 2)		1				
1 (3)	(Note 3)		A				
1.5 (5)	(Note 3)		B				
2 (7)	(Note 3)		C				
2.5 (8)	(Note 3)		D				
3 (10)	(Note 3)		E				
3.5 (12)	(Note 3)		F				
4 (13)	(Note 3)		G				
4.5 (15)	(Note 3)		H				
5 (17)	(Note 3)		J				
5.5 (18)	(Note 3)		K				
6 (20)	(Note 3)		L				
6.5 (22)	(Note 3)		M				
7 (23.5)	(Note 3)		N				
7.5 (25)	(Note 3)		P				
8 (27)	(Note 3)		Q				
9 (30)	(Note 3)		R				
10 (33)	(Note 3)		S				
12 (40)	(Note 3)		T				
Fill Fluid - 14 th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 4)			D		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15 th character							
Not required						1	
Provided (2 off)						Q	
Gasket - 16 th character							
PTFE							2
Viton	(Note 6)						3
Graphite	(Note 6)						7

Note 1: Not available with transmitter side of connection code L

Note 2: Not available with capillary protection code A, B

Note 3: Not available with capillary protection code N

Note 4: Suitable for oxygen service

Note 5: Suitable for food application

Note 6: Not available with diaphragm material code ZM

Note 7: Not available with diaphragm material code SM, HM, MM, LM, TM, NM

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26ME Off-line flange diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	6	M	E	X	XX	X	XX	X	X	X	X	X
Off-line flange diaphragm seal to EN 1092-1																		
Transmitter Side of Connection - 6 th character																		
High pressure side										H								
Low pressure side										L								
Mounting Flange Rating / Size - 7 th and 8 th characters																		
PN 16 - 40 / DN 25											L2							
PN 16 - 40 / DN 40											M2							
Mounting Flange Material / Seat Form - 9 th character																		
AISI 316 ss / Form B1 - serrated finish					NACE							S						
Hastelloy C-276 / Form B1- serrated finish					NACE							H						
Diaphragm Material - 10 th and 11 th characters																		
AISI 316 L ss					NACE								SM					
Hastelloy C-276					NACE								HM					
Hastelloy C-2000					NACE								MM					
Inconel 625					NACE								LM					
Tantalum													TM					
AISI 316 L ss gold plated					NACE								NM					
Capillary Protection - 12 th character																		
AISI 316 L ss armour														A				
AISI 316 L ss armour with PVC protective cover														B				
Extension tube for direct mount seal (Note 1)														N				

continued
see next page

BASIC ORDERING INFORMATION model S26ME			S 2 6 M E X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13 th character							
Direct-mount construction	(Note 2)		1				
1 (3)	(Note 3)		A				
1.5 (5)	(Note 3)		B				
2 (7)	(Note 3)		C				
2.5 (8)	(Note 3)		D				
3 (10)	(Note 3)		E				
3.5 (12)	(Note 3)		F				
4 (13)	(Note 3)		G				
4.5 (15)	(Note 3)		H				
5 (17)	(Note 3)		J				
5.5 (18)	(Note 3)		K				
6 (20)	(Note 3)		L				
6.5 (22)	(Note 3)		M				
7 (23.5)	(Note 3)		N				
7.5 (25)	(Note 3)		P				
8 (27)	(Note 3)		Q				
9 (30)	(Note 3)		R				
10 (33)	(Note 3)		S				
12 (40)	(Note 3)		T				
Fill Fluid - 14 th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 4)			D		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15 th character							
Not required						1	
Provided						Q	
Gasket - 16 th character							
PTFE							2
Viton®							3
Graphite							7

Note 1: Not available with transmitter side of connection code L

Note 2: Not available with capillary protection code A, B

Note 3: Not available with capillary protection code N

Note 4: Suitable for oxygen service

Note 5: Suitable for food application

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26TT Off-line threaded diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	6	T	T	X	X	X	X	XX	X	X	X	X	X
Off-line threaded diaphragm seal																			
Transmitter Side of Connection - 6 th character																			
High pressure side										H									
Low pressure side										L									
Size - 7 th character																			
1/4 in. NPT-f																			
1/2 in. NPT-f																			
3/4 in. NPT-f																			
1 in. NPT-f																			
1 1/2 in. NPT-f																			
Bolts material - 8 th character																			
AISI 316 ss																			
Carbon steel																			
Alloy steel																			
Mounting Flange Material - 9 th character																			
AISI 316 ss																			S
Hastelloy C-276																			H
Diaphragm Material - 10 th and 11 th characters																			
AISI 316 L ss																			SM
Hastelloy C-276																			HM
Hastelloy C-2000																			MM
Inconel 625																			LM
Tantalum																			TM
AISI 316 L ss gold plated																			NM
Capillary Protection - 12 th character																			
AISI 316 L ss armour																			A
AISI 316 L ss armour with PVC protective cover																			B
Extension tube for direct mount seal																			N

continued
see next page

BASIC ORDERING INFORMATION model S26TT			S 2 6 T T X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13 th character							
Direct-mount construction	(Note 2)		1				
1 (3)	(Note 3)		A				
1.5 (5)	(Note 3)		B				
2 (7)	(Note 3)		C				
2.5 (8)	(Note 3)		D				
3 (10)	(Note 3)		E				
3.5 (12)	(Note 3)		F				
4 (13)	(Note 3)		G				
4.5 (15)	(Note 3)		H				
5 (17)	(Note 3)		J				
5.5 (18)	(Note 3)		K				
6 (20)	(Note 3)		L				
6.5 (22)	(Note 3)		M				
7 (23.5)	(Note 3)		N				
7.5 (25)	(Note 3)		P				
8 (27)	(Note 3)		Q				
9 (30)	(Note 3)		R				
10 (33)	(Note 3)		S				
12 (40)	(Note 3)		T				
Fill Fluid - 14 th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 4)			D		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15 th character							
Not required						1	
Provided (2 off)	(Note 6)					Q	
Gasket - 16 th character							
PTFE							2
Viton®							3
Graphite							7

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application
Note 6: Not available with size code 5

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26SS Sanitary and food diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters					S	2	6	S	S	X	X	XX	X	X	X	X	X
Sanitary and food diaphragm seal																	
Transmitter Side of Connection - 6 th character																	
High pressure side										H							
Low pressure side										L							
Mounting connection - 7 th character																	
Union nut DIN 11851 – F50 (not 3-A authorized)												A					
Union nut DIN 11851 – F80 (not 3-A authorized)												B					
2 in. Triclamp												F					
3 in. Triclamp												G					
4 in. Triclamp												H					
2 in. Cherry Burrell												L					
3 in. Cherry Burrell												M					
4 in. Cherry Burrell												N					
4 in. Sanitary flush diaphragm												P					
4 in. Sanitary extended (2 in.) diaphragm												Q					
4 in. Sanitary extended (4 in.) diaphragm												R					
4 in. Sanitary extended (6 in.) diaphragm												S					
Diaphragm Material - 8 th and 9 th characters																	
AISI 316 L ss													SM				
Capillary Protection - 10 th character																	
AISI 316 L ss armour																A	
AISI 316 L ss armour with PVC protective cover																B	
Extension tube for direct mount seal																N	
Capillary Length m (Feet) - 11 th character																	
Direct-mount construction																	1
1 (3)																	A
1.5 (5)																	B
2 (7)																	C
2.5 (8)																	D
3 (10)																	E
3.5 (12)																	F
4 (13)																	G
4.5 (15)																	H
5 (17)																	J
5.5 (18)																	K
6 (20)																	L
6.5 (22)																	M
7 (23.5)																	N
7.5 (25)																	P
8 (27)																	Q
9 (30)																	R
10 (33)																	S

continued
see next page

BASIC ORDERING INFORMATION model S26SS			S 2 6 S S X X X X X X	X	X	X
Fill Fluid - 12th character						
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)			S		
Inert oil - Halocarbon 4.2	(-40 to 250 °C; -40 to 480 °F)	(Note 5)		D		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)			C		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 6)		W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 6)		A		
Glycerin-water 70%	(FDA approved)	(Note 6)		B		
Clamp/Fittings - 13th character						
None					1	
2 in. V-band Clamp (for 2 in. Triclamp)					A	
3 in. V-band Clamp (for 3 in. Triclamp)					B	
4 in. V-band Clamp (for 4 in. Triclamp, 4 in. Cherry Burrell, 4 in. Sanitary flush and 4 in. aseptic flanged)					C	
4 in. Tank spud, tank wall up to 4.7mm (0.18) and 4 in. V-band Clamp (for 4 in. Sanitary flush seal)					D	
4 in. Tank spud, tank wall up to 9.5mm (0.37) and 4 in. V-band Clamp (for 4 in. Sanitary flush seal)					E	
4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended seal)					F	
Tank spud for 2 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 2 in. seal)					G	
Tank spud for 4 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 4 in. seal)					H	
Tank spud for 6 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 6 in. seal)					J	
Aseptic tank spud (for 4 in. aseptic flanged seal)					P	
Flanged tank spud with 6 holes (for 1 1/2 in. beverage seal)					K	
Gasket - 14th character						
None						1
Ethylene propylene gasket DN100 (for 4 in. Sanitary extended seal) - (EPDM 3-A 18-03 Class II)						A
Ethylene propylene gasket (for 1 1/2 in. beverage seal)						B
Ethylene propylene gasket DN50 (for F50 Union nut seal)						C
Ethylene propylene gasket DN80 (for F80 Union nut seal)						D
Ethylene propylene gasket (for 4 in. Sanitary flush and 4 in. aseptic) - (EPDM 3-A 18-03 Class II)						G

Note 1: Not available with beverage bolted seal connection code T

Note 2: Not available with transmitter side of connection code L

Note 3: Not available with capillary protection code A, B

Note 4: Not available with capillary protection code N

Note 5: Suitable for oxygen service

Note 6: Suitable for food application

Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26JN In-line diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters					S 2 6 J N	X	X	XX	X	X	X
In-line diaphragm seal											
Transmitter Side of Connection - 6th character											
High pressure side						H					
Size / Mounting connection - 7th character											
DN 25 / 1 in.							A				
DN 40 / 1 1/2 in.							B				
DN 50 / 2 in.							C				
DN 80 / 3 in.							D				
Diaphragm Material - 8th and 9th characters											
AISI 316 L ss					NACE			SM			
Hastelloy C-276					NACE			HM			
Capillary Protection - 10th character											
Extension tube for direct mount seal									N		
Capillary Length m (Feet) - 11th character											
Direct-mount construction										1	
Fill Fluid - 12th character											
Silicone oil PMX 200 10 cSt					(-40 to 250 °C; -40 to 480 °F)						S
Silicone oil Baysilone PD5 5 cSt					(-85 to 250 °C; -121 to 480 °F)						P
Inert oil - Galden G5					(Oxygen service)	(Note 1)					N
Inert oil - Halocarbon 4.2					(Oxygen service)	(Note 1)					D
Silicone oil for high temperature					(-10 to 375 °C; 14 to 707 °F)						G
Silicone polymer Syltherm XLT					(-100 to 100 °C; -148 to 212 °F)						C
Mineral oil Esso Marcol 122					(FDA approved)	(Note 2)					W
Vegetable oil Neobee M-20					(FDA approved)	(Note 2)					A
Glycerin-water 70%					(FDA approved)	(Note 2)					B

Note 1: Suitable for oxygen service

Note 2: Suitable for food application

BASIC ORDERING INFORMATION model S26VN Socket and saddle diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1 st to 5 th characters	S 2 6 V N	X	XX	X	X	X	X	X
Socket and saddle diaphragm seal								
Transmitter Side of Connection - 6 th character								
High pressure side		H						
Low pressure side		L						
Diaphragm Material - 7 th and 8 th characters								
AISI 316 L ss	NACE		SM					
Hastelloy C-276	NACE		HM					
Hastelloy C-2000	NACE		MM					
Inconel 625	NACE		LM					
Tantalum			TM					
AISI 316 L ss gold plated	NACE		NM					
Superduplex ss (UNS S32750 to ASTM SA479)	NACE		EM					
Capillary Protection - 9 th character								
AISI 316 L ss armour								A
AISI 316 L ss armour with PVC protective cover								B
Extension tube for direct mount seal (Note 1)								N

continued
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Model 266GDH Gauge

Model 266ADH Absolute

BASIC ORDERING INFORMATION model S26VN			S 2 6 V N X X X X	X	X	X	X
Capillary Length m (Feet) - 10 th character							
Direct-mount construction	(Note 2)		1				
1 (3)	(Note 3)		A				
1.5 (5)	(Note 3)		B				
2 (7)	(Note 3)		C				
2.5 (8)	(Note 3)		D				
3 (10)	(Note 3)		E				
3.5 (12)	(Note 3)		F				
4 (13)	(Note 3)		G				
4.5 (15)	(Note 3)		H				
5 (17)	(Note 3)		J				
Fill Fluid - 11 th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Inert oil - Halocarbon 4.2	(Oxygen service)	(Note 4)			D		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 122	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Process Fitting Connections - 12 th character							
Not required						N	
Saddle 2 in.						1	
Saddle 2 1/2 in.						2	
Saddle 3 in.						3	
Saddle 4 in.						4	
Saddle 5 in.						5	
Saddle 6 in.						6	
Socket 1/2 in.						A	
Socket 3/4 in.						B	
Socket 1 in.						C	
Socket 1 1/2 in.						D	
Socket 2 in.						E	
Gasket - 13 th character							
PTFE							2
Graphite							7

Note 1: Not available with transmitter side of connection code L

Note 2: Not available with capillary protection code A, B

Note 3: Not available with capillary protection code N

Note 4: Suitable for oxygen service

Note 5: Suitable for food application

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