Data Sheet DS/268XS-EN Rev. I

# Model 268DS Differential Model 268PS Gauge Model 268VS Absolute

ABB 2600T Series Engineered solutions for all applications



#### TÜV SIL2 certified to IEC 61508

- the smart solution in Safety loop application

## Best in Class Safety protection for your plants

- Safe Failure Fraction (SFF): 98.6%
- Diagnostic Coverage (DC): 97.7%
- Undetected Dangerous Failures λDU: 11 FIT

## In-situ hardware redundancy (HFT=1)

- a guarantee of true protection

## SIL3 capability in redundant architecture (1002)

 Software and hardware development process certified by TÜV

Reduced maintenance costs thanks to the longest proof test interval of 10 years for SIL2 in 1001 architecture

Base accuracy: ±0.075%

#### **Span limits**

- 0.14 to 16000kPa; 0.56inH<sub>2</sub>O to 2320psi
- 0.27 to 16000kPa abs; 2mmHg to 2320psia

Hardware and software redundancy with MTBF of over 100 years

## Full compliance with PED Category IV

- suitable for safety accessory application



#### Model 268DS, 268PS, 268VS

## **General Description**

Model 268 is the IEC 61508 TÜV certified Safety 2600T transmitter for SIS and critical applications where safety and performances are the main requirement.

The transmitters detailed in this datasheets have been designed and manufactured according to a certified process which lead to a product specifically suitable for critical applications.

Thanks to the internal software and hardware redundancy, the 268 models have got the IEC 61508 certifications which not only allows installation in conformance with SIL2 (1001) but also to SIL3 in a 1002 architecture.

The 2600T Safety transmitter exceeds the IEC 61508 requirements for SIL2 with a Hardware Fault Tolerance of 1 (HFT = 1) and a Safe Failure Fraction of 98%.

In addition the following requirements of IEC 61508 have been assessed as part of the certification process:

- functional safety (hardware and software) testing;
- electrical safety testing;
- EMC testing;
- environmental testing;
- Quality Assurance in production and product maintenance;
- verification of the product development process.

Furthermore, with a very low Probability of Dangerous Undetected Failures ( $\lambda DU = 11$  FIT), the 2600T safety transmitters allow to extend the Proof Test Interval reducing maintenance costs by 50%.

## **Functional Specifications**

#### Range and span limits

Sensor	Upper Range		Lower Range Limit (L	.RL)	Minir	num span
Code	Limit (URL)	268DS differential	268PS gauge	268VS absolute	268DS differential 268PS gauge	268VS absolute
В	4kPa 40mbar 16inH <sub>2</sub> O	-4kPa -40mbar -16inH <sub>2</sub> O	-4kPa -40mbar -16inH₂O		0.14kPa 1.4mbar 0.56inH <sub>2</sub> O	
E	16kPa	-16kPa	-16kPa	0.07kPa abs (§)	0.27kPa	0.27kPa
	160mbar	-160mbar	-160mbar	0.7mbar abs (§)	2.7mbar	2.7mbar
	64inH <sub>2</sub> O	-64inH <sub>2</sub> O	-64inH <sub>2</sub> O	0.5mmHg (§)	1.08inH2O	2mmHg
F	40kPa	-40kPa	-40kPa	0.07kPa abs (§)	0.4kPa	0.67kPa
	400mbar	-400mbar	-400mbar	0.7mbar abs (§)	4mbar	6.7mbar
	160inH <sub>2</sub> O	-160inH <sub>2</sub> O	-160inH <sub>2</sub> O	0.5mmHg (§)	1.6inH <sub>2</sub> O	5mmHg
G	65kPa	-65kPa	-65kPa	0.07kPa abs (§)	0.65kPa	1.1kPa
	650mbar	-650mbar	-650mbar	0.7mbar abs (§)	6.5mbar	11mbar
	260inH <sub>2</sub> O	-260inH₂O	-260inH <sub>2</sub> O	0.5mmHg (§)	2.6inH <sub>2</sub> O	8mmHg
н	160kPa	-160kPa	1kPa abs	0.07kPa abs (§)	1.6kPa	2.67kPa
	1600mbar	-1600mbar	10mbar abs	0.7mbar abs (§)	16mbar	26.7mbar
	642inH <sub>2</sub> O	-642inH <sub>2</sub> O	0.15 psia	0.5mmHg (§)	6.4inH <sub>2</sub> O	20mmHg
M	600kPa	-600kPa	1kPa abs	0.07kPa abs (§)	6kPa	10kPa
	6bar	-6bar	10mbar abs	0.7mbar abs (§)	0.06bar	0.1bar
	87psi	-87psi	0.15 psia	0.5mmHg (§)	0.87psi	1.45psi
P	2400kPa	-2400kPa	1kPa abs	0.07kPa abs (§)	24kPa	40kPa
	24bar	-24bar	10mbar abs	0.7mbar abs (§)	0.24bar	0.4bar
	348psi	-348psi	0.15 psia	0.5mmHg (§)	3.5psi	5.8psi
Q	8000kPa	-8000kPa	1kPa abs	0.07kPa abs (§)	80kPa	134kPa
	80bar	-80bar	10mbar abs	0.7mbar abs (§)	0.8bar	1.34bar
	1160psi	-1160psi	0.15 psia	0.5mmHg (§)	11.6psi	19.4psi
S	16000kPa	-16000kPa	1kPa abs	0.07kPa abs (§)	160kPa	267kPa
	160bar	-160bar	10mbar abs	0.7mbar abs (§)	1.6bar	2.67bar
	2320psi	-2320psi	0.15 psia	0.5mmHg (§)	23.2psi	38.7psi

(§) Lower Range Limits is 0.135kPa abs, 1.35mbar abs, 1mmHg for inert Galden or 0.4kPa abs, 4mbar abs, 3mmHg for inert Halocarbon.

#### Span limits

Maximum span = URL

(can be further adjusted up to  $\pm$  URL (TD = 0.5) for differential models, within the range limits)

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: 0, 0.25, 0.5, 1, 2, 4, 8 or 16s. This is in addition to sensor response time

## Turn on time

Operation within specification in less than 5s with minimum damping.

#### Insulation resistance

 $> 100M\Omega$  at 1000VDC (terminals to earth)

4kV

## **Operative limits**

## Temperature limits °C (°F):

#### Ambient (is the operating temperature)

	Models 268	3DS - 268PS	Model	268VS
Filling	Sensors	Sensors	Sensors	Sensor
	F to S	B to E	F to S	code E
Silicone	-40 and +85	-25 and +85	-40 and +85	-15 and +70
oil	(-40 and +185)	(-13 and +185)	(-40 and +185)	(+5 and +158)
Inert	-20 and +85	-10 and +85	-10 and +65	not applicable
Galden	(-4 and +185)	(+14 and +185)	(+14 and +150)	Tiot applicable
Inert	-20 and +85	-10 and +85	-10 and +65	not applicable
Halocarbon	(-4 and +185)	(+14 and +185)	(+14 and +150)	TIOT applicable

Inert fillings not available for sensor B

Lower ambient limit for LCD indicators: -20°C (-4°F)

Upper ambient limit for LCD indicators: +70°C (+158°F)

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

#### **Process**

Lower limit

- refer to lower ambient limits; -20°C (-4°F) for Viton gasket

Upper limit

- Silicone oil: 121°C (250°F) (1)

- Inert fluid: 100°C (212°F) (2)

100°C (212°F) for application below atmospheric pressure (1)

(2)65°C (150°F) for application below atmospheric pressure

#### Storage

Lower limit: -50°C (-58°F); -40°C (-40°F) for LCD indicators Upper limit: +85°C (+185°F)

#### **Pressure limits**

## Overpressure limits (without damage to the transmitter)

0.07kPa abs, 0.7mbar abs, 0.01psia (0.135kPa abs, 1.35mbar abs, 1mmHg for inert Galden or 0.4kPa abs, 4mbar abs, 3mmHg for inert Halocarbon) to

- 7MPa, 70bar, 1015psi for sensor code B
- 16MPa, 160bar, 2320psi for sensor code E
- 21MPa, 210bar, 3045psi for sensor codes F to S

#### Static pressure

Transmitters for differential pressure model 268DS operates within specifications between the following limits

- sensor code B:
- 1.3kPa abs,13mbar abs, 0.2psia and 7MPa, 70bar, 1015psi
- sensor code E:
  - 1.3kPa abs,13mbar abs, 0.2psia and 16MPa, 160bar, 2320psi
- sensor codes F to S:
  - 1.3kPa abs, 13mbar abs, 0.2psia and 21MPa, 210bar, 3045psi

#### Proof pressure

The transmitter can be exposed without leaking to line pressure of up to 48MPa, 480bar, 6960psi. Meet ANSI/ISA-S 82.03 hydrostatic test requirements

#### **Environmental limits**

#### Electromagnetic compatibility (EMC)

Comply with EN 61000-6-3 for emission and EN 61000-6-2 for immunity requirements and test;

Radiated electromagnetic immunity level: 30V/m

(according to IEC 1000-4-3, EN61000-4-3)

Conducted electromagnetic immunity level: 10V (according to IEC 1000-4-6, EN 61000-4-6)

Surge immunity level (with surge protector):

(according to IEC 1000-4-5 EN 61000-4-5)

Fast transient (Burst) immunity level: 4kV (according to IEC 1000-4-4 EN 61000-4-4)

#### Pressure equipment directive (PED)

Comply with 97/23/EEC Category IV Modules D and B.

#### Humidity

Relative humidity: up to 100% annual average

Condensing, icing: admissible

#### Vibration resistance

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

#### Shock resistance

Acceleration: 50g Duration: 11ms (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 EN 60529 (1989) to IP 67 (IP 68 on request) or by NEMA to 4X or by JIS to C0920. IP65 with Harting Han connector.

#### Hazardous atmospheres

With or without output meter

- INTRINSIC SAFETY and EXPLOSION PROOF/ATEX:

ZELM approval

II 1G Ex ia IIC T6 and II 1/2G Ex ia IIC T6 and

II 1D Ex iaD 20 T95°C and II 1/2D Ex iaD 21 T95°C

resp. II 1/2G Ex d IIC T6 and II 1/2D Ex tD A21 IP67 T85°C

- EXPLOSION PROOF/IECEx:

ZELM approval

Ex d IIC T6 Ga/Gb resp.

Ex tb IIIC T85°C Da/Db (-40°C < Ta < +75°C)

- CANADIAN STANDARD ASSOCIATION and FACTORY MUTUAL:
- Explosionproof: Class I, Div. 1, Groups A, 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 AEx ia IIC T6/T4, Zone 0 (FM)
- GOST (Russia), GOST (Kazakhstan), Inmetro (Brazil pending) based on ATEX

## **Electrical Characteristics and Options**

## HART digital communication and 4 to 20mA output

#### **Power Supply**

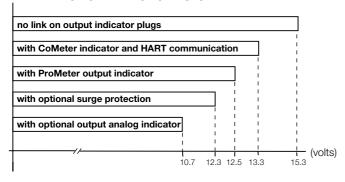
The transmitter operates from 10.5 to 42VDC with no load and is protected against reverse polarity connection (additional load allows operations over 42VDC).

For EEx ia and other intrinsically safe approval power supply must not exceed 30VDC.

#### Ripple

20mV max on a  $250\Omega$  load as per HART specifications

#### MINIMUM OPERATING VOLTAGES



#### **Load limitations**

4 to 20mA and HART total loop resistance:

$$R(k\Omega) = \frac{\text{Supply voltage - min. operating voltage (VDC)}}{200.5}$$

A minimum of  $250\Omega$  is required for HART communication.

#### Optional indicators

#### **Output meter**

CoMeter and Prometer LCD:

5-digit (±99999 counts) programmable with 7.6mm. high (3in), 7-segment numeric characters plus sign and digital point for digital indication of output value in percentage, current or engineer unit;

10-segment bargraph display (10% per segment) for analog indication of output in percentage;

7-digit with 6mm. high (2.3in), 14-segment alphanumeric characters, for engineer units and configuration display

Analog: 36mm (1.4in) scale on 90°.

#### Optional surge protection

Up to 4kV

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

#### **Output signal**

Two–wire 4 to 20mA, user-selectable for linear or square root output, power of  $^3/_2$  or  $^5/_2$ , 5th order or two 2nd order switching point selectable programmable polynomial output.

HART® communication provides digital process variable (%, mA or engineering units) superimposed on 4 to 20mA signal, with protocol based on Bell 202 FSK standard.

#### **Output current limits (to NAMUR standard)**

Low saturation: 3.8mA (field configurable from 3.5 to 4mA)

High saturation: 20.5mA (field configurable from 20 to 22.5mA)

#### Alarm current

Low alarm current: 3.7mA (field configurable from 3.5 to 4mA)

High alarm current: 22mA (field configurable from 20 to 22.5mA)

Factory setting: high alarm current

#### Model 268DS, 268PS, 268VS

## **Performance specifications**

Stated at reference condition to IEC 60770 ambient temperature of 20°C (68°F), relative humidity of 65%, atmospheric pressure of 1013hPa (1013mbar), mounting position with vertical diaphragm and zero based range for transmitter with isolating diaphragms in AISI316 L ss or Hastelloy and silicone oil fill and digital trim values equal to span end points, in linear mode.

Unless otherwise specified, errors are quoted as % of span.

Some performance data 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.

#### Dynamic performance (according to IEC 61298-1 definition)

Dead time: 40ms

Time constant (63.2% of total step change):

- sensors M to S: ≤ 70ms
- sensor H: 100ms
- sensor G: 130ms
- sensor F: 180ms

Response time (total) = dead time + time constant

## **Accuracy rating**

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

Model 268DS, 268PS

±0.075% for TD from 1:1 to 15:1
 (±0.10% for sensor code B for TD from 1:1 to 10:1)

- ±0.005% x URL Span for TD from 15:1 to 60:1 (30:1 for sensor code E)

( $\pm 0.01\%$  x  $\frac{URL}{Span}$  for sensor code B for TD from 10:1 to 20:1)

Models 268VS

- ±0.075% for TD from 1:1 to 10:1

$$-\pm 0.0075\%$$
 x  $\frac{URL}{Span}$  for TD from 10:1 to 20:1

## **Operating influences**

#### **Ambient temperature**

per 20K (36°F) change between the limits of –20°C to +65°C (–4 to +150°F) :

Model	Sensor Code	for TD up to	
268DS 268PS	E to S	15:1	± (0.04% URL + 0.065% span)
20053	В	10:1	± (0.06% URL + 0.10% span)
268VS	E to S	10:1	± (0.08% URL + 0.13% span)

#### **Optional CoMeter and ProMeter ambient temperature**

Total reading error per 20K (36°F) change between the ambient limits of -20 and +70°C (-4 and +158°F) :

±0.15% of max span (16mA).

#### Static pressure (zero errors can be calibrated out at line pressure)

per 2MPa, 20bar or 290psi (sensor code B) per 7MPa, 70bar or 1015psi (sensor codes E to S)

#### Model 268DS

zero error: ±0.08% of URL
 span error: ±0.08% of reading
 Multiply by 2 the errors for sensor code E.

#### 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

Total effect: less than 0.10% of span from 20 to 1000MHz and for field strengths up to 30V/m when tested with shielded conduit and grounding, with or without meter.

#### Common mode interference

No effect from 100Vrms @ 50Hz, or 50VDC

#### Mounting position

Rotations in plane of diaphragm have negligible effect. A tilt to 90° from vertical causes a zero shifts up to 0.5kPa, 5mbar or 2inH<sub>2</sub>O, which can be corrected with the zero adjustment. No span effect.

#### Stability

±0.15% of URL over a ten years period (for 268DS and 268PS sensor F and G)

#### Vibration effect

 $\pm 0.10\%$  of URL (according to IEC 61298-3)

#### Model 268DS, 268PS, 268VS

## **Physical Specification**

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

#### **Materials**

#### Process isolating diaphragms (\*)

AISI 316 L ss; AISI 316 L ss gold plated; Monel 400™; Tantalum; Hastelloy C276™; Hastelloy C276™ on AISI 316L ss gasket seat.

#### Process flanges, adapters, plugs and drain/vent valves (\*)

AISI 316 L ss; Hastelloy C276™; Monel 400™.

#### Blind flange (reference side of 268PS, 268VS)

AISI 316 L ss.

#### Sensor fill fluid

Silicone oil (DC200™); inert fill (Halocarbon™ 4.2 or Galden™).

#### Mounting bracket (\*\*)

Zinc plated carbon steel with chrome passivation;

AISI 316 L ss.

#### Gaskets (\*)

Viton™; PTFE.

#### Sensor housing

AISI 316 L ss.

#### **Bolts and nuts**

AISI 316 ss bolts Class A4–80 and nuts Class A4–70 per UNI 7323 (ISO 3506);

AISI 316 ss bolts and nuts Class A4–50 per UNI 7323 (ISO 3506), in compliance with NACE MR0175 Class II.

Plated alloy steel bolts per ASTM-A-193-77a grade B7M and nuts per ASTM A194/A 194 M-90 grade 2HM, in compliance with NACE MR0175 Class II.

#### Electronic housing and covers

Barrel version

- Aluminium alloy with baked epoxy finish;
- Copper-free content aluminium alloy with baked epoxy finish;
- AISI 316 L ss.

DIN version

- Aluminium alloy with baked epoxy finish.

#### **Covers O-ring**

Buna N.

#### Local zero and span adjustments:

Glass filled polycarbonate plastic (removable).

#### **Tagging**

AISI 316ss data plate attached to the electronics housing.

#### Calibration

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

Optional: at specified range and ambient conditions.

#### **Optional extras**

#### Mounting brackets

For vertical and horizontal 60mm. (2in) pipes or wall mounting.

#### **Output indicator**

plug-in rotatable type, LCD or analog.

#### Supplemental customer tag

AISI 316 ss tag screwed/fastened to the transmitter for customer's tag data up to a maximum of 20 characters and spaces on one line for tag number and tag name, and up to a maximum of 3 spaced strings of 10 characters each for calibration details (lower and upper values plus unit). Special typing evaluated on request for charges.

#### Surge protection

Cleaning procedure for oxygen service

Hydrogen or special service preparation

Test Certificates (test, design, calibration, material traceability)

Tag and manual language

**Communication connectors** 

#### **Process connections**

on flanges :  $^{1}\!/_{4}-$  18 NPT on process axis

on adapters : 1/2 – 14 NPT on process axis

centre distance (268DS): 54mm (2.13in) on flange; 51,54 or 57mm (2.01, 2.13 or 2.24in) as per adapters fittings

fixing threads:  $^{7\!/_{16}}$  – 20 UNF at 41.3mm centre distance

#### **Electrical connections**

Two  $^{1}/_{2}$  – 14 NPT or M20x1.5 or PG 13.5 or  $^{1}/_{2}$  GK threaded conduit entries, direct on housing.

Special communication connector (on request)

- HART: straight or angle Harting Han connector and one plug.

#### **Terminal block**

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

#### Grounding

Internal and external 6mm² (10AWG) 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)

3.5kg approx (8lb); add 1.5kg (3.4lb) for AISI housing. Add 650g (1.5lb) for packing.

## **Packing**

Carton 26 x 26 x 18cm approx (10 x 10 x 7in).

<sup>(\*)</sup> Wetted parts of the transmitter.

<sup>(\*\*)</sup> U-bolt material: AISI 400 ss; screws material: high-strength alloy steel or AISI 316 ss.

## 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 sec.
Transmitter failure mode Upscale
Software tag (8 characters max) Blank

Optional LCD indicator/display 0 to 100.0% linear

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 SMART VISION with DTM for 2600T. The transmitter database is customized with specified flange type and material, O–ring and drain/vent materials and meter code option. Custom configuration (option)

The following data may be specified in addition to the standard

configuration parameters:

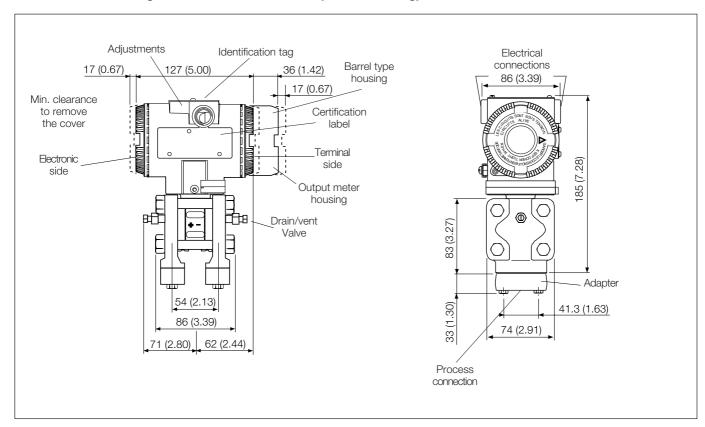
Descriptor 16 alphanumeric characters Message 32 alphanumeric characters

Date Day, month, year

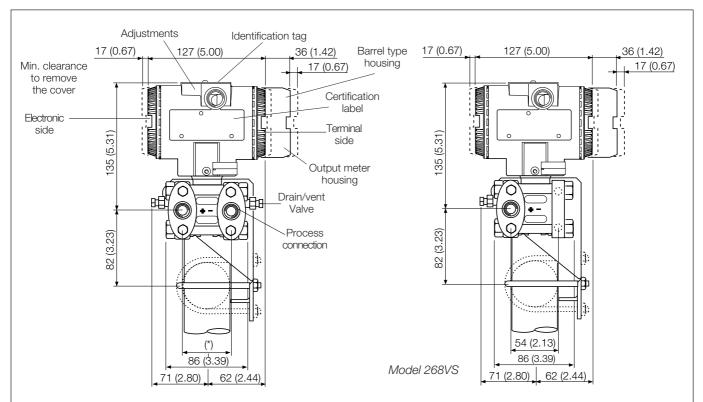
For any protocol available engineering units of pressure measure are : Pa, kPa, MPa inH2O@4°C, mmH2O@4°C, psi inH2O@20°C, ftH2O@20°C, mmH2O@20°C inHg, mmHg, Torr g/cm², kg/cm², atm mbar, bar

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

## Transmitter with flanges for vertical connection (Barrel housing)



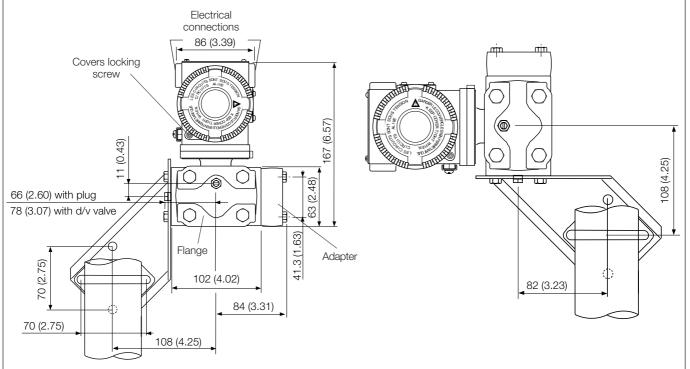
## Transmitter with barrel aluminium housing on bracket for vertical or horizontal 60mm (2in) pipe mounting



#### (\*) FOR MODEL 268DS

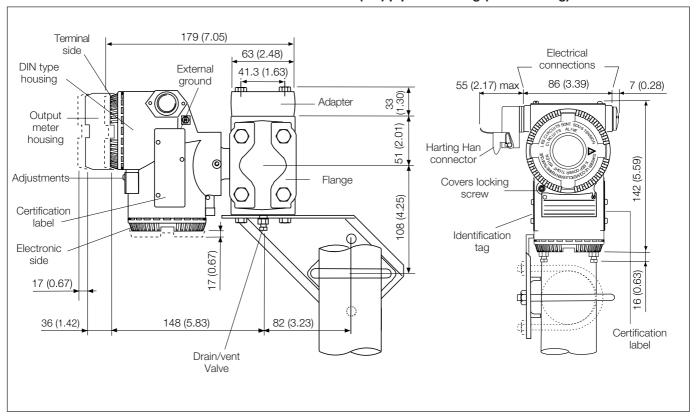
51 (2.01), 54 (2.13) or 57 (2.24) mm (in) according to  $^{1}/_{2}$  – 14 NPT adapters fitting; 54 (2.13) mm (in) on  $^{1}/_{4}$  – 18 NPT process flange FOR MODEL 268PS

54 (2.13) mm (in) with low pressure side flange without process connection (a filter is fitted) and drain/vent valve

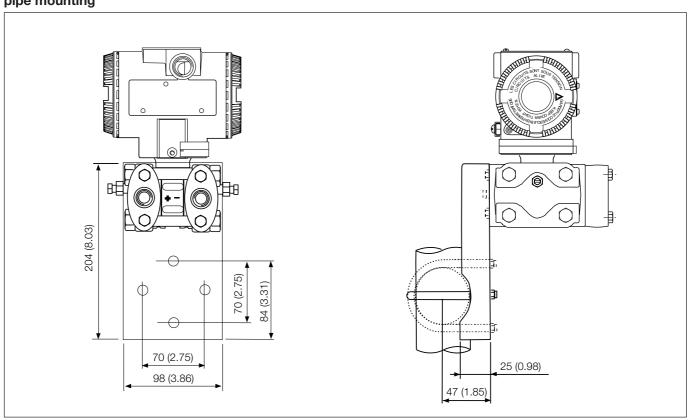


NOTE: Process connection, gasket groove and gaskets are in accordance with DIN 19213. Bolting threads for fixing adapter or other devices (i.e. manifold etc.) on process flange is  $^{7}/_{16}$  – 20 UNF.

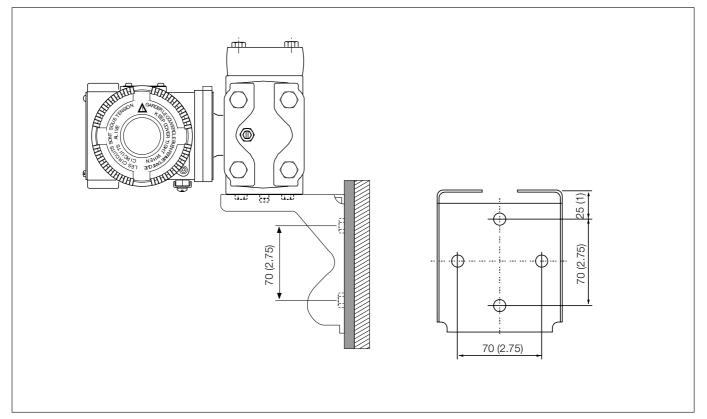
## Transmitter on bracket for vertical or horizontal 60 mm (2in) pipe mounting (DIN housing)



# Transmitter with barrel AISI ss housing on bracket (flat type for box) for vertical or horizontal 60mm (2in) pipe mounting

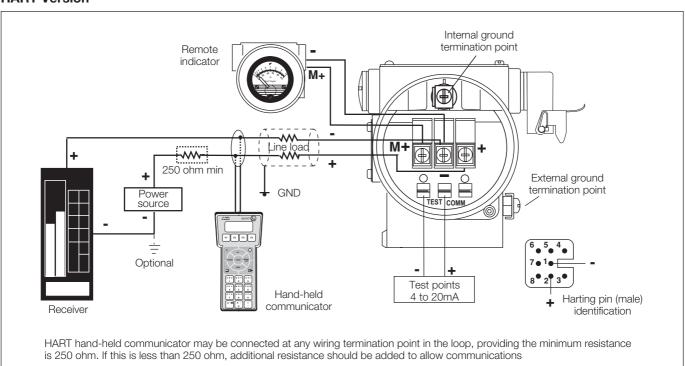


## Transmitter on bracket for wall mounting (by up to four M8 screws, NOT SUPPLIED)



## **Electrical connections**

#### **HART Version**



## **BASIC ORDERING INFORMATION model 268DS Safety Differential Pressure Transmitter**

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

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

BASE MODEL - 1st to 5th of	characters	, ,	2 6	8 D S	re requ	S	Χ	Х	Х	Х
	re Transmitter – BASE ACCU	JRACY 0.075%								
SENSOR - Span limits - 0.14 and 4kPa	o" cnaracter 1.4 and 40mbar	0.56 and 16inH2O			В					
0.14 and 4ki a 0.27 and 16kPa	2.7 and 160mbar	1.08 and 64inH2O			Ē					
0.4 and 40kPa	4 and 400mbar	1.6 and 160inH2O			F					
0.65 and 65kPa	6.5 and 650mbar	2.6 and 260inH2O			G					
1.6 and 160kPa	16 and 1600mbar	6.4 and 642inH2O			Н					
6 and 600kPa	0.06 and 6bar	0.87 and 87psi			М					
24 and 2400kPa	0.24 and 24bar	3.5 and 348psi			Р					
80 and 8000kPa	0.8 and 80bar	11.6 and 1160psi			Q					
160 and 16000kPa	1.6 and 160bar	23.2 and 2320psi			S	s				
Jse code - 7 <sup>th</sup> character						5				
	fluid (wetted parts) - 8th ch									
AISI 316 L ss		Silicone oil	(Note 2)				S			
Hastelloy C276™ (on AIS	I seat)	Silicone oil			NAC		Н			ĺ
Hastelloy C276™		Silicone oil	(1)		NAC		K			ĺ
Monel 400™		Silicone oil	(Note 2)		NAC		M			
AISI 316 L ss gold plated		Silicone oil	(Note 2)		NIAC		8 T			ĺ
Tantalum		Silicone oil	(Note 2)		NAC		- 1			
AISI 316 L ss Hastelloy C276™ (on AIS	Leat)	Inert fluid - Galden Inert fluid - Galden	(Notes 1, 2) (Notes 1, 2)		NAC		A   B			
Hastellov C276 <sup>TM</sup>	1 30al)	Inert IIuid - Galden Inert fluid - Galden	(Notes 1, 2)		NAC		F			
Monel 400™		Inert fluid - Galden Inert fluid - Galden	(Notes 1, 2)		NAC		c l			
AISI 316 L ss gold plated		Inert fluid - Galden	(Notes 1, 2)		i VAC	_	9			
Tantalum		Inert fluid - Galden	(Notes 1, 2)		NAC	Έ	Ď			
AISI 316 L ss		Inert fluid - Halocarbon	(Notes 1, 2)				Ľ			
Hastelloy C276™ (on AIS	I seat)	Inert fluid - Halocarbon	(Notes 1, 2)		NAC		āl			
Hastelloy C276™	· coat,	Inert fluid - Halocarbon	(Notes 1, 2)		NAC		Ρ			
Monel 400™		Inert fluid - Halocarbon	(Notes 1, 2)		NAC		4			
AISI 316 L ss gold plated	l	Inert fluid - Halocarbon	(Notes 1, 2)			_	iΙ			
Tantalum		Inert fluid - Halocarbon	(Notes 1, 2)		NAC	Έ	5			
Process flanges/adapters	s material and connection	(wetted parts) - 9th character								
AISI 316 L ss (Horizontal	connection)	1/4 - 18 NPT-f direct (7/16 - 20 U	NF U.S. drilling)		NAC	Έ		Α		
AISI 316 L ss (Horizontal	connection)	1/2 - 14 NPT-f through adapter (			NAC	Έ		В		
Hastelloy C276™ (Horizo	ntal connection)	1/4 - 18 NPT-f direct ( 7/16 - 20 L	NF U.S. drilling)	(Note 3)	NAC	Έ		D		
Hastelloy C276™ (Horizo	ntal connection)	1/2 - 14 NPT-f through adapter (	7/ <sub>16</sub> – 20 UNF U.S. drilling)	(Note 3)	NAC	Έ		Е		
Monel 400™ (Horizontal o	connection)	1/4 - 18 NPT-f direct (7/16 - 20 U	NF U.S. drilling)	(Note 3)	NAC	Έ		G		
Monel 400™ (Horizontal o	connection)	1/2 - 14 NPT-f through adapter (	7/ <sub>16</sub> – 20 UNF U.S. drilling)	(Note 3)	NAC	E		Н		
AISI 316 L ss (Vertical co	nnection)	1/4 - 18 NPT-f direct (7/16 - 20 U	NF U.S. drilling)		NAC	Έ		Q		1
AISI 316 L ss (Vertical co	nnoction)	1/2 - 14 NPT-f through adapter (	7/ 00 LINELLO L'III \							Į.
	ririection)	72 11141 1 1 till dagir adaptor (	<sup>7</sup> /16 – 20 UNF U.S. arilling)		NAC	Æ		Т		
Hastelloy C276™ (Vertica		1/4 – 18 NPT-f direct ( 7/16 – 20 U		(Note 3)	NAC NAC			M		
	l onnection)		NF U.S. drilling)	(Note 3) (Note 3)		Έ				
Hastelloy C276™ (Vertica	I onnection) I connection)	1/4 – 18 NPT-f direct (7/16 – 20 U 1/2 – 14 NPT-f through adapter (1/4 – 18 NPT-f direct (7/16 – 20 U	NF U.S. drilling) <sup>7</sup> / <sub>16</sub> – 20 UNF U.S. drilling) NF U.S. drilling)	(Note 3) (Note 3)	NAC	E E		М		
Hastelloy C276™ (Vertical Hastelloy C276™ (Vertical Monel 400™ (Vertical cor Monel 400™ (Vertical cor	I onnection) I connection) nection) nection)	$^{1}/_{4}$ – 18 NPT-f direct ( $^{7}/_{16}$ – 20 L $^{1}/_{2}$ – 14 NPT-f through adapter (	NF U.S. drilling) <sup>7</sup> / <sub>16</sub> – 20 UNF U.S. drilling) NF U.S. drilling)	(Note 3)	NAC	E E E		M S		
Hastelloy C276 <sup>™</sup> (Vertica Hastelloy C276 <sup>™</sup> (Vertica Monel 400 <sup>™</sup> (Vertical cor Monel 400 <sup>™</sup> (Vertical cor Bolts/Gasket (wetted par	I onnection) I connection) nection) nection)	1/4 - 18 NPT-f direct ( 7/16 - 20 U 1/2 - 14 NPT-f through adapter ( 1/4 - 18 NPT-f direct ( 7/16 - 20 U 1/2 - 14 NPT-f through adapter (	NF U.S. drilling) <sup>7</sup> / <sub>16</sub> – 20 UNF U.S. drilling) NF U.S. drilling)	(Note 3) (Note 3)	NAC NAC NAC	E E E		M S U		
Hastelloy C276 <sup>™</sup> (Vertica Hastelloy C276 <sup>™</sup> (Vertica Monel 400 <sup>™</sup> (Vertical cor Monel 400 <sup>™</sup> (Vertical cor Bolts/Gasket (wetted par AISI 316 ss	I onnection) I connection) nection) nection)	<ul> <li>1/4 - 18 NPT-f direct ( 7/₁6 - 20 U</li> <li>1/2 - 14 NPT-f through adapter (</li> <li>1/4 - 18 NPT-f direct ( 7/₁6 - 20 U</li> <li>1/2 - 14 NPT-f through adapter (</li> <li>Viton™</li> </ul>	NF U.S. drilling) 7/16 – 20 UNF U.S. drilling) NF U.S. drilling) 7/16 – 20 UNF U.S. drilling)	(Note 3) (Note 3)	NAC NAC NAC	E E E		M S U	1 2	
Hastelloy C276 <sup>™</sup> (Vertica Hastelloy C276 <sup>™</sup> (Vertical Monel 400 <sup>™</sup> (Vertical cor Monel 400 <sup>™</sup> (Vertical cor Bolts/Gasket (wetted par AISI 316 ss AISI 316 ss	Il onnection) Il connection) Inection) Inection) Inection) Its) – 10 <sup>th</sup> character	1/4 - 18 NPT-f direct ( 7/₁6 - 20 U 1/2 - 14 NPT-f through adapter ( 1/4 - 18 NPT-f direct ( 7/₁6 - 20 U 1/2 - 14 NPT-f through adapter ( Viton™ PTFE	NF U.S. drilling) <sup>7</sup> / <sub>16</sub> – 20 UNF U.S. drilling) NF U.S. drilling)	(Note 3) (Note 3)	NAC NAC NAC	E E E E_		M S U	2	
Hastelloy C276 <sup>™</sup> (Vertica Hastelloy C276 <sup>™</sup> (Vertical Monel 400 <sup>™</sup> (Vertical cor Monel 400 <sup>™</sup> (Vertical cor Bolts/Gasket (wetted par AISI 316 ss AISI 316 ss AISI 316 ss (NACE) – (M)	Il onnection) Il connection) Innection) Innection) Its) – 10 <sup>th</sup> character  WP = 16MPa)	1/4 – 18 NPT-f direct ( 7/₁6 – 20 U 1/2 – 14 NPT-f through adapter ( 1/4 – 18 NPT-f direct ( 7/₁6 – 20 U 1/2 – 14 NPT-f through adapter ( Viton™ PTFE Viton™	NF U.S. drilling) 7/16 – 20 UNF U.S. drilling) NF U.S. drilling) 7/16 – 20 UNF U.S. drilling) (Note 1)	(Note 3) (Note 3)	NAC NAC NAC	E E E E		M S U		
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## **ADDITIONAL ORDERING INFORMATION for model 268DS**

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

				vv	yv	yv	vv	vv	yv	хх	yv	yv	yv	yv	γv	v
Drain/vent valve (mater	rial and nosition) (wetted north)				۸X	λX	۸۸	<b>A A</b>	λĀ	XX	**	λX	λX	λX	λX	Α)
	rial and position) (wetted parts)	(Note 6)	NACE	\/4												
AISI 316 L ss	on process axis	(Note 6)	NACE	V1												
AISI 316 L ss	on flange side top	(Note 7)	NACE	V2												
AISI 316 L ss	on flange side bottom	(Note 7)	NACE	V3												
Hastelloy C276™	on process axis	(Note 8)	NACE	V4												
Hastelloy C276™	on flange side top	(Note 9)	NACE	V5												
Hastelloy C276™	on flange side bottom	(Note 9)	NACE	V6												
Monel 400™	on process axis	(Note 10)	NACE	V7												
Monel 400™	on flange side top	(Note 11)	NACE	V8												
Monel 400™	on flange side bottom	(Note 11)	NACE	V9												
Electrical certification  ATEX Group II Categor	ory 1G and 1/2G, Category 1D and 1	1/2D - Intrinsic Safety Ex ia	1		E1											
	ory 1/2 GD – Explosion Proof Ex d	1/2D - Intilisic Salety Ex la	ı		E2											
	ssociation (CSA) (only ½-14NPT, M	120 and Da 12 E alcotrical	annoction)		E4											
					E6											
	pproval (only with ½-14NPT, M20 a			IV.	E9											
	esp. Ex tb IIIC T85° C Da/Db (only w	VILIT 72-14INFT and IVIZO EN	ectrical corin./barrel	1)												
GOST (Russia) EEx ia					W1											
GOST (Russia) EEx d					W2											
GOST (Kazakistan) EE					W3											
GOST (Kazakistan) EE					W4											
Inmetro (Brazil) EEx ia					W5											
Inmetro (Brazil) EEx d					W6											
Inmetro (Brazil) EEx nL	_ (pending)				W7											
Metrologic (Russia)					WC											
Metrologic (Kazakhsta	ın)				WD											
Output meter																
ProMeter, Standard ca	alibration					D1										
ProMeter, Special calil						D2										
	or linear 0-100% scale					D3										
• '	or square root 0-10 scale					D4										
	or, special graduation (to be specifie	d for linear scale)				D5										
	or, special graduation (to be specified					D6										
	meter and HART configurator (CoMe					D7										
	meter and HART configurator (CoMe		ion)			D8										
		otor odeterrior coringarati	1011)													
Mounting bracket (shap	•															
For pipe mounting	(Not suitable for AISI housing)	Carbon steel					B1									
For pipe mounting	(Not suitable for AISI housing)	AISI 316 L ss					B2									
For wall mounting	(Not suitable for AISI housing)	Carbon steel					В3									
For wall mounting	(Not suitable for AISI housing)	AISI 316 L ss					B4									
Flat type for box		AISI 316 L ss					B5									
Surge																
Surge/Transient Protein	ctor							01								
								S1								
Operating manual																
German									M1							
Italian									M2							
									IVIZ							
French									M4							
French  Labels & tag language																
Labels & tag language										T1						
Labels & tag language German										T1 T2						
Labels & tag language German Italian										T2						
abels & tag language German Italian Spanish										T2 T3						
Labels & tag language German Italian Spanish French										T2						
Additional tag plate	n stainless steel plate									T2 T3	10					
Labels & tag language German Italian Spanish French	n stainless steel plate									T2 T3	12					
Labels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o	n stainless steel plate									T2 T3	12					
Labels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration	<u> </u>	= dea. F								T2 T3	12	N2				
Labels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure =	= inH2O/psi at 20° C; Temperature =									T2 T3	12	N2 N3				
Adbels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure =	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature =	deg. F								T2 T3	12	N3				
Aabels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o  Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure =	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = = inH2O/psi at 20° C; Temperature =	deg. F = deg.C								T2 T3	12	N3 N4				
German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Standard – Pressure =	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature =	deg. F = deg.C								T2 T3	12	N3 N4 N5				
Additional tag plate Laser printing of tag o  Configuration Standard – Pressure = Custom	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = = inH2O/psi at 20° C; Temperature =	deg. F = deg.C								T2 T3	12	N3 N4				
Additional tag plate Laser printing of tag o  Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom  Preparation procedure	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =	deg. F = deg.C deg. C						T	M4	T2 T3 T4		N3 N4 N5 N6				
Additional tag plate Laser printing of tag o  Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom  Preparation procedure Oxygen service cleaning	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = ng (only available with inert fill and P	deg. F = deg.C deg. C	Pa for Galden or 9M	Pa fo	r Hali	ocarl	oon;	Ттах	M4	T2 T3 T4		N3 N4 N5 N6	P1 2			
Abels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = ng (only available with inert fill and P	deg. F = deg.C deg. C	Pa for Galden or 9M	Pa fo	r Hali	ocarl	oon;	Ттах	M4	T2 T3 T4		N3 N4 N5 N6	P2			
Adbels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = ng (only available with inert fill and P	deg. F = deg.C deg. C	Pa for Galden or 9M	Pa fo	r Hali	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6				
Labels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = = inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = ng (only available with inert fill and P	deg. F = deg.C deg. C	<sup>p</sup> a for Galden or 9M	Pa fo	r Hali	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2			
Additional tag plate Laser printing of tag o  Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom  Preparation procedure Oxygen service cleanir Hydrogen service preparation properation Special services preparationals	= inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = = inH2O/psi at 20° C; Temperature = = inH2O/psi at 4° C; Temperature = ng (only available with inert fill and P	deg. F = deg. C deg. C TFE gasket) - P <sub>max</sub> =12MF	Pa for Galden or 9M	Pa fo	r Hal	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2	C1		
Adbels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard - Pressure = Standard - Pressure = Standard - Pressure = Custom Preparation procedure Oxygen service cleanin Hydrogen service prep Special services prepa Certificates Inspection certificate E	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 4° C; Temperature = ng (only available with inert fill and P paration aration	deg. F = deg.C deg. C TFE gasket) - P <sub>max</sub> =12MF	<sup>p</sup> a for Galden or 9M	Pa fo	r Hale	ocarl	oon;	Гтах	M4	T2 T3 T4		N3 N4 N5 N6	P2	C1 C6		
Labels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard - Pressure = Standard - Pressure = Standard - Pressure = Custom Preparation procedure Oxygen service cleanin Hydrogen service prep Special services prepa Certificates Inspection certificate E Certificate of complian	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = ng (only available with inert fill and P paration aration  EN 10204-3.1 of calibration (9-point)	deg. F = deg.C deg. C TFE gasket) - P <sub>max</sub> =12MF	Pa for Galden or 9M	Pa fo	r Halo	ocarl	oon;	Ттах	M4	T2 T3 T4		N3 N4 N5 N6	P2			
Abels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleani Hydrogen service preparation procedure Cygen service cleanity	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =  ng (only available with inert fill and P paration aration  EN 10204–3.1 of calibration (9-point nce with the order EN 10204–2.1 of	deg. F = deg.C deg. C TFE gasket) – P <sub>max</sub> =12MF c) instrument design	Pa for Galden or 9M	Pa fo	r Hal	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2			
Abels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep Special services preparation certificates Inspection certificate E Certificate of complian Material traceability Certificate of complian	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =  inH <sub>2</sub> O/psi at 4° C; Temperature =  ng (only available with inert fill and P paration aration  EN 10204–3.1 of calibration (9-point noe with the order EN 10204–2.1 of the context of the	deg. F = deg.C deg. C TFE gasket) – Pmax =12MF c) instrument design	Pa for Galden or 9M	Pa fo	r Hal	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2		H1	
German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep Special services preparation certificates Inspection certificate E Certificate of complian Material traceability Certificate of complian	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =  ng (only available with inert fill and P paration aration  EN 10204–3.1 of calibration (9-point nce with the order EN 10204–2.1 of	deg. F = deg.C deg. C TFE gasket) – Pmax =12MF c) instrument design	Pa for Galden or 9M	Pa fo	r Hal	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2		H1 H3	
German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep Special services preparation certificates Inspection certificate E Certificate of complian Material traceability Certificate of complian	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =  inH <sub>2</sub> O/psi at 4° C; Temperature =  ng (only available with inert fill and P paration aration  EN 10204–3.1 of calibration (9-point noe with the order EN 10204–2.1 of the context of the	deg. F = deg.C deg. C TFE gasket) – Pmax =12MF c) instrument design	<sup>p</sup> a for Galden or 9M	Pa fo	r Halo	ocarl	oon;	Tmax	M4	T2 T3 T4		N3 N4 N5 N6	P2			
Abels & tag language German Italian Spanish French Additional tag plate Laser printing of tag o Configuration Standard – Pressure = Standard – Pressure = Standard – Pressure = Custom Preparation procedure Oxygen service cleanir Hydrogen service prep Special services preparation certificate E Certificate of complian Material traceability Certificate of complian Inspection certificate E	= inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature = = inH <sub>2</sub> O/psi at 20° C; Temperature = = inH <sub>2</sub> O/psi at 4° C; Temperature =  inH <sub>2</sub> O/psi at 4° C; Temperature =  ng (only available with inert fill and P paration aration  EN 10204–3.1 of calibration (9-point not with the order EN 10204–2.1 of the company of the	deg. F = deg.C deg. C TFE gasket) – Pmax =12MF c) instrument design	Pa for Galden or 9M	Pa fo	r Hal	ocarl	oon;	Ттах	M4	T2 T3 T4		N3 N4 N5 N6	P2			U

- Note 1: Suitable for oxygen service
- Note 2: Not available with sensor code B
- Note 3: Not available with diaphragm material/fill fluid code S, H, A, B, L, Q
- Note 4: Select type in additional ordering code
- Note 5: Not available with Electronic Housing code P, E and K
- Note 6: Not available with Process flanges/adapters code D, E, G, H, Q, T, M, S, U, V
- Note 7: Not available with Process flanges/adapters code D, E, G, H, M, S, U, V
- Note 8: Not available with Process flanges/adapters code A, B, G, H, Q, T, M, S, U, V
- Note 9: Not available with Process flanges/adapters code A, B, G, H, Q, T, U, V
- Note 10: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S, U, V
- Note 11: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S
- Note 12: Not available with Electronic housing code U, S, T, V, H, M, L, N, D, C, A, B, J, Y

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

- Adapters supplied loose
- Plug on axis of horizontal connection flange; nothing for vertical connection blind flange (no drain/vent valves)
- General purpose (no electrical certification)
- No meter/display, no mounting bracket, no surge protection
- English manual and labels
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

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.

## **BASIC ORDERING INFORMATION model 268PS Safety Gauge Pressure Transmitter**

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

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

BASE MODEL – 1st to 5th		AOV 0 0750/	2 6 8 P	SXS	XX	X	X	
Safety Gauge Pressure	Transmitter – BASE ACCUR	ACY 0.075%						
SENSOR - Span limits -	· 6 <sup>th</sup> character							
0.14 and 4kPa	1.4 and 40mbar	0.56 and 16inH2O		В				
0.27 and 16kPa	2.7 and 160mbar	1.08 and 64inH2O		E				
0.4 and 40kPa	4 and 400mbar	1.6 and 160inH2O		F				
0.65 and 65kPa	6.5 and 650mbar	2.6 and 260inH2O		G				
1.6 and 160kPa	16 and 1600mbar	6.4 and 642inH2O		H				
6 and 600kPa	0.06 and 6bar	0.87 and 87psi		M				
24 and 2400kPa	0.24 and 24bar	3.5 and 348psi		P				
80 and 8000kPa	0.8 and 80bar	11.6 and 1160psi		Q				
160 and 16000kPa	1.6 and 160bar	23.2 and 2320psi		s				
se code - 7 <sup>th</sup> character		·		S				
	ill fluid (wetted parts) - 8th	character						
AISI 316 L ss		Silicone oil	(Note 2)		s			
Hastelloy C276™ (on A	(SI seat)	Silicone oil	(****** =/		H			4
Hastellov C276™	J. 554.)	Silicone oil			ĸ			1
Monel 400™		Silicone oil	(Note 2)		М			1
	l							1
AISI 316 L ss gold plate	<del>i</del> a	Silicone oil	(Note 2)		8			ı
Tantalum		Silicone oil	(Note 2)		T			
AISI 316 L ss		Inert fluid - Galden	(Notes 1, 2)		Α			
Hastelloy C276™ (on A	dSI seat)	Inert fluid - Galden	(Notes 1, 2)		В			ı
Hastelloy C276™		Inert fluid - Galden	(Notes 1, 2)		F			
Monel 400™		Inert fluid - Galden	(Notes 1, 2)	NACE	C			
AISI 316 L ss gold plate	ed	Inert fluid - Galden	(Notes 1, 2)		9			
Tantalum		Inert fluid - Galden	(Notes 1, 2)	NACE	рl			
AISI 316 L ss		Inert fluid - Halocarbon	(Notes 1, 2)		L			
Hastelloy C276™ (on A	ISI seat)	Inert fluid - Halocarbon	(Notes 1, 2)		ā			4
Hastellov C276™	iioi seat)				P			4
		Inert fluid - Halocarbon	(Notes 1, 2)					1
Monel 400™		Inert fluid - Halocarbon	(Notes 1, 2)	NACE	4			
AISI 316 L ss gold plate	ed .	Inert fluid - Halocarbon	(Notes 1, 2)					4
Tantalum		Inert fluid - Halocarbon	(Notes 1, 2)	NACE	5			
Process flanges/adapte	rs material and connectio	n (wetted parts) - 9th character						
AISI 316 L ss (Horizont		1/4 – 18 NPT-f direct ( 7/16 – 20 L		NACE	Д			
AISI 316 L ss (Horizont		1/2 - 14 NPT-f through adapter (		NACE	Е			
Hastelloy C276™ (Horiz		1/4 - 18 NPT-f direct (7/16 - 20 L		NACE				
Hastelloy C276™ (Horiz		1/2 - 14 NPT-f through adapter (		NACE	Е			
Monel 400™ (Horizonta	I connection)	1/4 - 18 NPT-f direct ( 7/16 - 20 U	INF U.S. drilling) (Note 3)	NACE	G	à		
Monel 400™ (Horizonta	I connection)	1/2 - 14 NPT-f through adapter (	7/ <sub>16</sub> – 20 UNF U.S. drilling) (Note 3)	NACE	H	1		
AISI 316 L ss (Vertical of	connection)	1/4 - 18 NPT-f direct ( 7/16 - 20 L	INF U.S. drilling)	NACE	C	2		
AISI 316 L ss (Vertical of	connection)	1/2 - 14 NPT-f through adapter (	7/16 - 20 UNF U.S. drilling)	NACE	Т	-		
Hastelloy C276™ (Verti		1/4 – 18 NPT-f direct ( 7/16 – 20 L		NACE	N			
Hastelloy C276™ (Vertin		1/2 – 14 NPT-f through adapter (		NACE	S			
* '	,	1/4 – 18 NPT-f direct ( 7/16 – 20 L		NACE	L			
Monel 400™ (Vertical commonel 400™ (Vertical commonel 400™ (Vertical commone)		1/2 – 14 NPT-f through adapter (		NACE	۷			
Bolts/Gasket (wetted page 1	,	/2 14141 1 tillough adapter (	718 20 0141 0.0. drilling) (140te 0)	TWOL	V			
AISI 316 ss		Viton™				1		
AISI 316 ss		PTFE	(Note 1)			2		4
AISI 316 ss (NACE) - (N	JWP = 16MPa)	Viton™	(	NACE		3		1
AISI 316 ss (NACE) - (NACE) - (NACE)		PTFE	(Note 1)	NACE		4		
	nvvi – Tolviraj		(Note 1)					
Alloy steel (NACE) Alloy steel (NACE)		Viton™ PTFE	(Note 1)	NACE NACE		8 9		1
	lectrical connection – 11th		(NOTE 1)	INACE		9	_	
Aluminium alloy (Barrel		<sup>1</sup> / <sub>2</sub> – 14 NPT					Α	
Aluminium alloy (Barrel		M20 x 1.5 (CM 20)					В	
Aluminium alloy (Barrel							D	- 1
		Pg 13.5						
Aluminium alloy (Barrel		1/2 GK	(	(6.1.1.1)			С	
Aluminium alloy (Barrel		Harting Han connector	(general purpose only)	(Note 4)			E	
Aluminium alloy copper		1/2 – 14 NPT					Н	
Aluminium alloy copper	,	M20 x 1.5 (CM 20)					L	
Aluminium alloy copper		Pg 13.5					Ν	
Aluminium alloy copper	-free (Barrel version)	1/2 GK					M	
Aluminium alloy copper		Harting Han connector	(general purpose only)	(Note 4)			Ρ	
AISI 316 L ss (Barrel ve		1/2 – 14 NPT		, , , ,			S	
AISI 316 L ss (Barrel ve		M20 x 1.5 (CM20)					Т	
AISI 316 L ss (Barrel ve		, ,					V	
MIOLOTO ESS IDAMENVE		Pg 13.5						
		1/2 GK					U	
AISI 316 L ss (Barrel ve		M20 x 1.5 (CM 20)	(general purpose only)				J	
AISI 316 L ss (Barrel ve Aluminium alloy (DIN ve		Pg 13.5	(general purpose only)				Υ	
AISI 316 L ss (Barrel ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve							K	4
AISI 316 L ss (Barrel ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve	rsion)	Harting Han connector	(general purpose only)	(Note 4)			11	Ш
AISI 316 L ss (Barrel ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve Dutput/Additional option	ns - 12 <sup>th</sup> character	Harting Han connector	(general purpose only)	,			IX	_
AISI 316 L ss (Barrel ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve Aluminium alloy (DIN ve Dutput/Additional optio HART digital communic	rsion)			(Note 4)			IX	

## **ADDITIONAL ORDERING INFORMATION for model 268PS**

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

Add one of more 2-dig	git code(s) after the basic orde	TING INIONNATION TO SELECT A	iii required option	1	хх	XX	хх	XX	XX	хх	хх	хх	XX	XX	хх	XX
Drain/vent valve (mater	rial and position) (wetted parts)			٦ .												
AISI 316 L ss	on process axis	(Note 6)	NACE	V1												
AISI 316 L ss	on flange side top	(Note 7)	NACE	V2												
AISI 316 L ss	on flange side bottom	(Note 7)	NACE	V3												
Hastelloy C276™	on process axis	(Note 8)	NACE	V4												
Hastelloy C276™	on flange side top	(Note 9)	NACE	V5												
Hastelloy C276™	on flange side bottom	(Note 9)	NACE	V6												
Monel 400™	on process axis	(Note 10)	NACE	V7												
Monel 400™	on flange side top	(Note 11)	NACE	V8												
Monel 400™	on flange side bottom	(Note 11)	NACE	V9												
ATEX Group II Catego Canadian Standard As Factory Mutual (FM) a	ory 1G and 1/2G, Category 1D and ory 1/2 GD – Explosion Proof Ex d ssociation (CSA) (only ½–14NPT, pproval (only with ½–14NPT, M20 esp. Ex tb IIIC T85° C Da/Db (only	l M20 and Pg 13.5 electrical co O and Pg 13.5 electrical conne	ection)		E1 E2 E4 E6 E9											
GOST (Russia) EEx ia GOST (Russia) EEx d GOST (Kazakistan) EE GOST (Kazakistan) EE	Ex ia Ex d				W1 W2 W3 W4											
Inmetro (Brazil) EEx ia					W5											
Inmetro (Brazil) EEx d					W6											
Inmetro (Brazil) EEx nL	_ (pending)				W7											
Metrologic (Russia)					WC											
Metrologic (Kazakhsta Output meter	ın)				WD											
Analog output indicate	bration or linear 0–100% scale or, special graduation (to be speci	•				D1 D2 D3 D5										
	meter and HART configurator (Co meter and HART configurator (Co		nn)			D7 D8										
		Weter – Custoffier Corniguration	) i j			DU										
Mounting bracket (shar	•															
For pipe mounting	(Not suitable for AISI housin	0,					B1									
For pipe mounting	(Not suitable for AISI housin	0,					B2									
For wall mounting	(Not suitable for AISI housin	g) Carbon steel					ВЗ									
For wall mounting	(Not suitable for AISI housin	g) AISI 316 L ss					B4									
Flat type for box		AISI 316 L ss					B5									
Surge																
Surge/Transient Prote	ctor							S1								
Operating manual																
German									M1							
Italian									M2							
French									M4							
									IVI	ı						
Labels & tag language										т.						
German										T1						
Italian										T2						
Spanish										T3						
French										T4	ı					
Additional tag plate  Laser printing of tag o	on stainless steel plate										12					
Configuration																
	= inH2O/psi at 20° C; Temperature	e - dea F										N2				
	= inH <sub>2</sub> O/psi at 4° C; Temperature											N3				
	= inH2O/psi at 20° C; Temperature											N4				
	= inH2O/psi at 4° C; Temperature	= aeg. C										N5				
Custom												N6				
Preparation procedure																
Oxygen service cleanii	ng (only available with inert fill and	PTFE gasket) - Pmax =12MPa	for Galden or 9MPa	a for I	Halo	carbo	n; T	max =	= 60°	C/1	40° F	=	P1			
Hydrogen service prep		=											P2			
Special services prepa	aration								_	_	_	_	P4			
Certificates																
	EN 10204-3.1 of calibration (9-po	int)												C1		
	nce with the order EN 10204-2.1													C6		
Material traceability		z													1	
_	W. W															
	nce with the order EN 10204-2.1														H1	
Inspection certificate E	EN 10204–3.1 of process wetted	parts													НЗ	
Connector																
																U3
Harting Han – straight	entry (I	Note 12)														
Harting Han – straight Harting Han – angle e	,	Note 12) Note 12)														U4

- Note 1: Suitable for oxygen service
- Note 2: Not available with sensor code B
- Note 3: Not available with diaphragm material/fill fluid code S, H, A, B, L, Q
- Note 4: Select type in additional ordering code
- Note 5: Not available with Electronic Housing code P, E and K
- Note 6: Not available with Process flanges/adapters code D, E, G, H, Q, T, M, S, U, V
- Note 7: Not available with Process flanges/adapters code D, E, G, H, M, S, U, V
- Note 8: Not available with Process flanges/adapters code A, B, G, H, Q, T, M, S, U, V
- Note 9: Not available with Process flanges/adapters code A, B, G, H, Q, T, U, V
- Note 10: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S, U, V
- Note 11: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S
- Note 12: Not available with Electronic housing code U, S, T, V, H, M, L, N, D, C, A, B, J, Y

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

- Adapters supplied loose
- Plug on axis of horizontal connection flange; nothing for vertical connection blind flange (no drain/vent valves)
- General purpose (no electrical certification)
- No meter/display, no mounting bracket, no surge protection
- English manual and labels
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

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.

## **BASIC ORDERING INFORMATION model 268VS Safety Absolute Pressure Transmitter**

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

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

	haracters		2 6	8 V S	SXSX	X	X	Х
Safety Absolute Pressure	Transmitter - BASE ACCUF	RACY 0.075%						
SENSOR – Span limits – 🤅	6th character							
0.27 and 16kPa	2.7 and 160mbar	2 and 120mmHg			E			
0.67 and 40kPa	6.7 and 400mbar	5 and 300mmHg			F			
1.1 and 65kPa	11 and 650mbar	8 and 480mmHg			G			
2.67 and 160kPa	26.7 and 1600mbar	20 and 1200mmHg			н			
10 and 600kPa	0.1 and 6bar	1.45 and 87psi			M			
					P			
40 and 2400kPa	0.4 and 24bar	5.8 and 348psi						
134 and 8000kPa	1.34 and 80bar	19.4 and 1160psi			Q			
267 and 16000kPa	2.67 and 160bar	38.7 and 2320psi			S			
se code - 7 <sup>th</sup> character					S			
aphragm material / Fill f	fluid (wetted parts) - 8th C	haracter						
AISI 316 L ss		Silicone oil			5	3		
Hastelloy C276™ (on AISI	seat)	Silicone oil			NACE H	4		
Hastelloy C276™	,	Silicone oil			NACE F			
AISI 316 L ss		Inert fluid - Galden	(Notes 1, 2)			À		
	4\							
Hastelloy C276™ (on AISI	sedl)	Inert fluid - Galden	(Notes 1, 2)		NACE E			
Hastelloy C276™		Inert fluid - Galden	(Notes 1, 2)		NACE F	- [		
AISI 316 L ss		Inert fluid - Halocarbon	(Notes 1, 2)		l	-		
Hastelloy C276™ (on AISI	seat)	Inert fluid - Halocarbon	(Notes 1, 2)		NACE C	2		
Hastelloy C276™	,	Inert fluid - Halocarbon	(Notes 1, 2)		NACE F			
ocess flanges/adapters	material and connection	(wetted parts) - 9th character						
AISI 316 L ss (Horizontal o	connection)	1/4 - 18 NPT-f direct ( 7/16 - 20 L	JNF U.S. drilling)		NACE	Α		
AISI 316 L ss (Horizontal of	connection)	1/2 - 14 NPT-f through adapter (	(7/16 - 20 UNF U.S. drilling)		NACE	В		
Hastelloy C276™ (Horizon		1/4 - 18 NPT-f direct (7/16 - 20 U	·	(Note 3)	NACE	D		
Hastelloy C276™ (Horizon		1/2 - 14 NPT-f through adapter (		(Note 3)	NACE	Е		
Monel 400™ (Horizontal co	onnection)	1/4 - 18 NPT-f direct (7/16 - 20 U	JNF U.S. drilling)	(Note 3)	NACE	G	i	
Monel 400™ (Horizontal co	onnection)	1/2 - 14 NPT-f through adapter (	(7/16 – 20 UNF U.S. drilling)	(Note 3)	NACE	Н		
AISI 316 L ss (Vertical con	nnection)	1/4 - 18 NPT-f direct (7/16 - 20 L	JNF U.S. drilling)		NACE	Q		
AISI 316 L ss (Vertical con		1/2 - 14 NPT-f through adapter (	٥,		NACE	Т		
Hastelloy C276™ (Vertical		1/4 - 18 NPT-f direct (7/16 - 20 U		(Note 3)	NACE	N		
		•	٥,	, ,				
Hastelloy C276™ (Vertical		1/2 - 14 NPT-f through adapter (		(Note 3)	NACE	S		
Monel 400™ (Vertical conr		1/4 – 18 NPT-f direct (7/16 - 20 L		(Note 3)	NACE	U		
Monel 400™ (Vertical con	,	<sup>1</sup> / <sub>2</sub> – 14 NPT-f through adapter (	( 1/16 - 20 UNF U.S. drilling)	(Note 3)	NACE	V		
olts/Gasket (wetted part	.s) - 10" character	\ /:+ TM						
AISI 316 ss		Viton™					1	
AISI 316 ss		PTFE	(Note 1)				2	
AISI 316 ss (NACE) - (MW	VP = 16MPa)	Viton™			NACE		3	
							4	
		PTFF	(Note 1)		NACE			
AISI 316 ss (NACE) - (MW		PTFE Viton™	(Note 1)		NACE			
AISI 316 ss (NACE) - (MW Alloy steel (NACE)		Viton™	,		NACE		8	
AISI 316 ss (NACE) - (MW Alloy steel (NACE) Alloy steel (NACE)	VP = 16MPa)	Viton™ PTFE	(Note 1)					
AISI 316 ss (NACE) – (MW Alloy steel (NACE) Alloy steel (NACE) ousing material and elec	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> c	Viton™ PTFE character	,		NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> crsion)	Viton™ PTFE character 1/2 – 14 NPT	,		NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> crision) rsion)	Viton™ PTFE character 1/2 – 14 NPT M20 x 1.5 (CM 20)	,		NACE		8	A
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> corsion) rsion) rsion)	Viton™ PTFE character <sup>1</sup> / <sub>2</sub> – 14 NPT M20 x 1.5 (CM 20) Pg 13.5	,		NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elec Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection – 11 <sup>th</sup> crision) rsion) rsion) rsion)	Viton™ PTFE character 1/2 – 14 NPT M20 x 1.5 (CM 20)	,		NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection – 11 <sup>th</sup> crision) rsion) rsion) rsion)	Viton™ PTFE character <sup>1</sup> / <sub>2</sub> – 14 NPT M20 x 1.5 (CM 20) Pg 13.5	,	(N	NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) busing material and elec Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> corsion) rsion) rsion) rsion) rsion)	Viton™ PTFE  character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector	(Note 1)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy copper-free	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> corsion) rsion) rsion) rsion) ee (Barrel version)	Viton™ PTFE  character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT	(Note 1)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MW Alloy steel (NACE) Alloy steel (NACE) <b>Dusing material and elec</b> Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> orrsion) rsion) rsion) rsion) rsion) ee (Barrel version) ee (Barrel version)	Viton™ PTFE  character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20)	(Note 1)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MWAlloy steel (NACE) Alloy steel (NACE) Dusing material and electory and the steel (NACE) Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-free Aluminiu	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> or rsion) rsion) rsion) rsion) rsion) ee (Barrel version) ee (Barrel version) ee (Barrel version) ee (Barrel version)	Viton™ PTFE character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5	(Note 1)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Ousing material and electors and alloy (Barrel verthuminium alloy copper-frethuminium alloy copper-f	VP = 16MPa)  ctrical connection - 11 <sup>th</sup> corsion) rsion) rsion) rsion) ee (Barrel version)	Viton™ PTFE character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK PT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK	(Note 1)  (general purpose only)	·	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) busing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-fre	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version)	Viton™ PTFE character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector	(Note 1)	·	NACE NACE		8	# E E C C E E E E E E E E E E E E E E E
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Ousing material and electors and alloy (Barrel verthuminium alloy copper-frethuminium alloy copper-f	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version)	Viton™ PTFE character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK PT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK	(Note 1)  (general purpose only)	·	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-free Aluminium alloy copper-free Aluminium alloy copper-free	VP = 16MPa)  ctrical connection - 11th or rision) rision) rision) rision) resion) ee (Barrel version)	Viton™ PTFE  character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT	(Note 1)  (general purpose only)	·	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) busing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-free Aluminium alloy copper-free Aluminium alloy copper-free Aluminium alloy copper-free	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) ee (Barrel version)	Viton™ PTFE  character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5  1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5  1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5  1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20)	(Note 1)  (general purpose only)	·	NACE NACE		8	A E C C E H L I N N
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) Ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-fre	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ion)	Viton™ PTFE character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5	(Note 1)  (general purpose only)	·	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and elec Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Alsi 316 L ss (Barrel versic AISI 316 L ss (Barrel versic AISI 316 L ss (Barrel versic AISI 316 L ss (Barrel versic	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) ee (Barrel version) ion) ion) ion)	Viton™ PTFE character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK	(Rote 1)  (general purpose only)  (general purpose only)	·	NACE NACE		8	## E E E E E E E E E E E E E E E E E E
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) Ousing material and electory alloy steel (NACE)  Aluminium alloy (Barrel verous aluminium alloy (Barrel verous aluminium alloy (Barrel verous aluminium alloy (Barrel verous aluminium alloy copper-freous alicia 316 L ss (Barrel versionals) alicia 16 L ss	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ion) ion) ion) ion) ion)	Viton™ PTFE  character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK M20 x 1.5 (CM 20)	(Note 1)  (general purpose only)  (general purpose only)	·	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Ousing material and electory of the steel (NACE) Ousing material and electory of the steel (NACE) Ousing material and electory of the steel version of the	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ion) ion) ion) ion) ion)	Viton™ PTFE character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK	(Rote 1)  (general purpose only)  (general purpose only)	·	NACE NACE		8	# EE
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) ousing material and electory and the steel (NACE) ousing material and electory allowinium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre Aluminium alloy copper-fre AISI 316 L ss (Barrel versich AISI 31	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ee (Barrel version) ee (Barrel version) ee (Barrel version) ion (Barrel version) eo (Barrel version)	Viton™ PTFE  character  1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK Harting Han connector 1/2 – 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK M20 x 1.5 (CM 20)	(Note 1)  (general purpose only)  (general purpose only)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MM Alloy steel (NACE) Alloy steel (NACE) Ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre AISI 316 L ss (Barrel versic	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ee (Barrel version) ee (Barrel version) ee (Barrel version) ion) ion) ion) ion) ion) ion) ion)	Viton™ PTFE  character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK M20 x 1.5 (CM 20) Pg 13.5	(Rote 1)  (general purpose only)  (general purpose only)  (general purpose only) (general purpose only)	(N	NACE NACE		8	
AISI 316 ss (NACE) – (MWAlloy steel (NACE) Alloy steel (NACE) Ousing material and elect Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy (Barrel ver Aluminium alloy copper-fre AISI 316 L ss (Barrel versic	VP = 16MPa)  ctrical connection - 11th corsion) rsion) rsion) rsion) rsion) ee (Barrel version) ee (Barrel version) ee (Barrel version) ee (Barrel version) ion) ion) ion) ion) ion) ion) ion)	Viton™ PTFE  character  1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM 20) Pg 13.5 1/2 GK Harting Han connector 1/2 - 14 NPT M20 x 1.5 (CM20) Pg 13.5 1/2 GK M20 x 1.5 (CM 20) Pg 13.5	(Rote 1)  (general purpose only)  (general purpose only)  (general purpose only) (general purpose only)	(N	NACE NACE		8	

## **ADDITIONAL ORDERING INFORMATION for model 268VS**

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

Train/vent valve (mate				XX	хх	XX	хх	XX	хх	XX	хх	XX	хх	XX	XX
France valve (mate	rial and position) (wetted parts	5)													
AISI 316 L ss	on process axis	(Note 6)	NACE	V1											
AISI 316 L ss	on flange side top	(Note 7)	NACE	V2											
AISI 316 L ss	on flange side bottom	(Note 7)	NACE	V3											
Hastelloy C276™	on process axis	(Note 8)	NACE	V4											
Hastelloy C276™	on flange side top	(Note 9)	NACE	V5											
Hastelloy C276™	on flange side bottom	(Note 9)	NACE	V6											
Monel 400™	on process axis	(Note 10)	NACE	V7											
Monel 400™	on flange side top	(Note 11)	NACE	V8											
Monel 400™	on flange side bottom	(Note 11)	NACE	V9											
Electrical certification	10 11/00 01														
	ory 1G and 1/2G, Category 1D ar				E1										
	ory 1/2 GD – Explosion Proof Ex				E2										
	Association (CSA) (only ½-14NPT	,	,		E4										
	approval (only with $1/2-14$ NPT, M2				E6 E9										
GOST (Russia) EEx ia	resp. Ex tb IIIC T85° C Da/Db (onl	iy with 72-14NP1 and M20 elect	ricai conn./barrei)		E9 W1										
GOST (Russia) EEx (					W2										
GOST (Kazakistan) El					W3										
GOST (Kazakistan) El					W4										
Inmetro (Brazil) EEx ia					W5										
Inmetro (Brazil) EEx d					W6										
Inmetro (Brazil) EEx n	0,				W7										
Metrologic (Russia)	E (portaing)				WC										
Metrologic (Kazakhsta	an)				WD										
Output meter	20.1)														
•	19					<b>D</b> 4									
ProMeter, Standard of						D1									
ProMeter, Special cal						D2									
	tor linear 0–100% scale	sified for linear engle)				D3									
	tor, special graduation (to be spec meter and HART configurator (Co					D5 D7									
0	meter and HART configurator (Co		١			D8									
		oweter castorner configuration	)			D0									
Nounting bracket (sha	•														
For pipe mounting	(Not suitable for AISI housing						B1								
For pipe mounting	(Not suitable for AISI housing						B2								
For wall mounting	(Not suitable for AISI housing						ВЗ								
For wall mounting	(Not suitable for AISI housing	0,					B4								
Flat type for box		AISI 316 L ss					B5								
Surge															
Surge/Transient Prote	ector							S1							
Operating manual															
German									M1						
Italian									M2						
French									M4						
abels & tag language										J					
0 0 0										т.			1		
German										T1					
German Italian										T2					
German Italian Spanish										T2 T3					
German Italian Spanish French										T2					
German Italian Spanish French Additional tag plate	an etainless stool plate									T2 T3	10				
German Italian Spanish French	on stainless steel plate									T2 T3	12				
German Italian Spanish French Additional tag plate Laser printing of tag of	on stainless steel plate									T2 T3	12				
German Italian Spanish French Additional tag plate Laser printing of tag of	on stainless steel plate = inH2O/psi at 20° C; Temperatui	re = deg. F								T2 T3	12	N2			
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature	e = deg. F								T2 T3	12	N2 N3			
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure Standard – Pressure Standard – Pressure	= inH2O/psi at 20° C; Temperatur = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperatur	e = deg. F re = deg.C								T2 T3	12	N3 N4			
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature	e = deg. F re = deg.C								T2 T3	12	N3 N4 N5			
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure Standard – Pressure Standard – Pressure	= inH2O/psi at 20° C; Temperatur = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperatur	e = deg. F re = deg.C								T2 T3	12	N3 N4			
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure Standard – Pressure Standard – Pressure Custom	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature	e = deg. F re = deg.C								T2 T3	12	N3 N4 N5			
German Italian Spanish French Idditional tag plate Laser printing of tag	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature	e = deg. F re = deg. C e = deg. C	or Galden or 9MP/	a for l	Haloo	carbo	on; To	max =	= 60%	T2 T3 T4		N3 N4 N5 N6	P1		
German Italian Spanish French Idditional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature e ing (only available with inert fill and	e = deg. F re = deg. C e = deg. C	or Galden or 9MPa	a for I	Haloc	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	•		
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure Standard – Pressure Standard – Pressure Custom Preparation procedure Oxygen service clean	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature ing (only available with inert fill and eparation	e = deg. F re = deg. C e = deg. C	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1		
German Italian Spanish French Additional tag plate Laser printing of tag	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature ing (only available with inert fill and eparation	e = deg. F re = deg. C e = deg. C	or Galden or 9MPa	a for I	Haloo	carbo	pn; Ti	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2		
German Italian Spanish French Additional tag plate Laser printing of tag of Configuration Standard – Pressure Standard – Pressure Standard – Pressure Standard – Pressure Custom Preparation procedure Oxygen service clean Hydrogen service pre Special services prep	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature entry ing (only available with inert fill and exparation	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax =12MPa fo	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2		
German Italian Spanish French Additional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature inH2O/psi at 4° C; Temperature paing (only available with inert fill and apparation paration	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc	or Galden or 9MPa	a for I	Haloc	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C1	
German Italian Spanish French Additional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature entry ing (only available with inert fill and exparation	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc	or Galden or 9MPa	a for I	Haloc	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C1 C6	
German Italian Spanish French Additional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature inH2O/psi at 4° C; Temperature paing (only available with inert fill and apparation paration	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2		
German Italian Spanish French Additional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature inH2O/psi at 4° C; Temperature paing (only available with inert fill and apparation paration	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc pint) of instrument design	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C6	H1
German Italian Spanish French dditional tag plate Laser printing of tag	= inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature = inH2O/psi at 20° C; Temperature = inH2O/psi at 4° C; Temperature ing (only available with inert fill and exparation paration EN 10204–3.1 of calibration (9-ponce with the order EN 10204–2.1	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc  point) of instrument design of process wetted parts	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C6	H1 H3
German Italian Spanish French Additional tag plate Laser printing of tag	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature inH <sub>2</sub> O/psi at 4° C; Temperature entry only available with inert fill and exparation exparation EN 10204–3.1 of calibration (9-poince with the order EN 10204–2.1 nce with the order EN 10204–2.1	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc  point) of instrument design of process wetted parts	or Galden or 9MPa	a for I	Haloc	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C6	
German Italian Spanish French dditional tag plate Laser printing of tag	= inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature = inH <sub>2</sub> O/psi at 20° C; Temperature = inH <sub>2</sub> O/psi at 4° C; Temperature ing (only available with inert fill and apparation paration EN 10204–3.1 of calibration (9-poince with the order EN 10204–2.1 Ince with the order EN 10204–2.1 EN 10204–3.1 of process wetted	e = deg. F re = deg. C e = deg. C d PTFE gasket) - Pmax = 12MPa fc  point) of instrument design of process wetted parts	or Galden or 9MPa	a for I	Haloo	carbo	on; T	max =	= 60°	T2 T3 T4		N3 N4 N5 N6	P1 P2	C6	

- Note 1: Suitable for oxygen service
- Note 2: Not available with sensor code E
- Note 3: Not available with diaphragm material/fill fluid code S, H, A, B, L, Q
- Note 4: Select type in additional ordering code
- Note 5: Not available with Electronic Housing code P, E and K
- Note 6: Not available with Process flanges/adapters code D, E, G, H, Q, T, M, S, U, V
- Note 7: Not available with Process flanges/adapters code D, E, G, H, M, S, U, V
- Note 8: Not available with Process flanges/adapters code A, B, G, H, Q, T, M, S, U, V
- Note 9: Not available with Process flanges/adapters code A, B, G, H, Q, T, U, V
- Note 10: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S, U, V
- Note 11: Not available with Process flanges/adapters code A, B, D, E, Q, T, M, S
- Note 12: Not available with Electronic housing code U, S, T, V, H, M, L, N, D, C, A, B, J, Y

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

- Adapters supplied loose
- Plug on axis of horizontal connection flange; nothing for vertical connection blind flange (no drain/vent valves)
- General purpose (no electrical certification)
- No meter/display, no mounting bracket, no surge protection
- English manual and labels
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

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.

<sup>™</sup> Hastelloy C276 is a Cabot Corporation trademark

<sup>™</sup> Monel is an International Nickel Co. trademark

<sup>™</sup> Viton is a Dupont de Nemour trademark

<sup>™</sup> DC200 is a Dow Corning Corporation trademark

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#### Note

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