K-TEK
A MEMBER OF THE ABB GROUP

MT5100

Guided Wave Radar Level and Interface Transmitter

FEATURES

- **Total and Interface Level Measurement from a single process penetration (see options)**
- **Graphic Display with Waveform Screen**
- **All Digital Electronics**
- **Weak Signal Alarm**
- **Widest Selection of Wetted Materials**
- **Radar Signal Travels Along the Waveguide – Eliminates False Echoes and Minimizes Signal Loss**
- **No Moving Parts**
- **2 Wire Loop Powered**
- **Lengths From 1 to 65 ft. / 0.3 to 19.8 meters**
- **Rigid, Flexible Cable, and Coaxial Probes**

OPTIONS

- **Glass Viewing Window**
- **316L Stainless Steel Enclosure**
- **MODBUS**
- **Foundation Fieldbus**
- **RI100 Repeat Indicator - required for 4-20 mA total level measurement in addition to interface level**
- **Analog Output**

ACCESSORIES

- **K-COM™ Communications Software**
- **External Chamber**
- **Stilling Well**
- **Loop Indicator**

SPECIFICATIONS

Housing	Dual Compartment Powder Coated Aluminum or Stainless Steel
Electrical Connection	1/2" FNPT or M20
Power	13.5 – 36 VDC, Standard; 9 - 32 VDC Foundation Fieldbus; 10 - 18 VDC MODBUS
Wiring	Standard and Foundation Fieldbus - 2 wire MODBUS - 4 wire plus shield (2 power, 2 data - half duplex)
Output	Single 4-20 mA, HART, Foundation Fieldbus (ITK 5.01), MODBUS (RTU or ASCII) (*Secondary Output Available Via HART or RI100 Repeat Indicator)
Graphic Display	Field Selectable Units in Feet, Inches, Millimeters, Centimeters, Meters or Percentage and Waveform Screens
Accuracy	+/- 0.2 in / 5 mm Level; +/- 1.0 in / 25 mm Interface Level
Resolution	+/- 0.063 in / 1.6 mm
Range	1 to 65 ft. / 0.3 to 19.8 meters
Process Connection	3/4" NPT Standard
Sensor Material	316 SS Standard, Other Materials Optional

Process Pressure	Up to 5000 psi (344 bar)
Process Temperature	Up to 800°F (427°C)
Dielectric Constant	Upper Fluid 1.6 - 5, Lower Fluid 15 - 100+
Process Max Viscosity	1500 cp

Approvals

Factory Mutual Research Corporation

XP-IS / I / 1 / ABCD / T6	Ta = 77ºC
DIP / II, III / 1 / EFG / T6	Ta = 77ºC
IS / I / 1 / ABCD / T4	Ta = 77ºC - ELE1034
NI / I / 2 / ABCD / T4	Ta = 77ºC
S / II,III / 2 / FG / T4	Ta = 77ºC

ANI / I / 2 / ABCD / T4 - ELE1034
Type 4X

Canadian Standards Association

XP CL 1, DIV 1, GP ABCD; CL 2, DIV 1, GP EFG; CL 3 - T6
CL 1, DIV 2, GP ABCD; CL 2, DIV 2, GP EFG - T5
IS CL 1, DIV 1, GP CD; CL 2, DIV 1, GP EFG - T4
- when installed per ELE1034
Type 4X

GOST Russia
1Exd[ia]IICT6, 0ExiaIIBT6, IP67

UKRSEPRO
1ExdiaIICT6; 0ExiaIIBT4

IEC International Electromechanical Commission
IECEx ITS 08.0036X
II 1/2 G/D
Ex ia IIB T4 (-40°C ≤ TAMB ≤ 66°C)
Ex iaD 20/21 IP6X T80°C (-40°C ≤ 66°C)
IECx ITS 08.0037X
Ex ia d IIC T4
Ex iaD tD 20/A21 IP6X T80°C

ATEX
ITS 08ATEX25865X
II 1/2 G/D Ex ia IIB T4 (-40°C ≤ Tamb ≤ 66°C)
Ex iaD 20/21 IP6X T80°C (-40°C Tamb ≤ 66°C)
ITS08 ATEX15870X
II 1/2 G/D Ex ia d IIC T6
Ex tD 20/A21 IP6X T80°C

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ORDERING INFORMATION

MT5100 a/b/c/d/e/f/g/h/i/j/k/l

/a Probe Material

- **S6** 316L Stainless Steel Standard
- **S4** 304L Stainless Steel (Rigid Probe Only)
- **HC** Hastalloy C-276 (Rigid Probes Only)
- **HB** Hastalloy B3 (Rigid Probes Only)
- **MO** Monel
- **TI** Titanium (Rigid Probes Only)
- **IN25** Inconel 625

/b Transmitter Configuration

- **L** Local Transmitter Standard
- **LW** Local Transmitter with Window Cover Standard

/c Transmitter Housing

- **A** Dual Compartment Aluminum Housing Standard
- **S** Dual Compartment 316L Stainless Steel Housing

/d Process Connection / Waveguide Coupler

- **Cxxon** **xx** Process Connection & Waveguide Coupler **(Table 1)**
  - **o** Seal Code (no code required for C8) **(Table 2)**
  - **n** NPT for C10

/e Probe Type

- **Pxx** Probe Code **(Table 3)**

/f Probe Attachment

- **CDyyz-ww** Clamp On Centering Disk (Solid Rod Probes)
  Note: Rigid probes installed in stilling wells or external chambers require centering disk
- **CWyyz-ww** Clamp On Centering Weight (Cable Probes)
  Note: Cable probes require a centering weight or end fitting to stabilize bottom of cable

/g Process Temperature

- **H0** 32 to 250ºF / 0 to 121ºC Maximum
- **H6** C1 thru C5 and C10 couplers: Above 250ºF / 121ºC or below 32ºF / 0ºC
  Electronics enclosure is extended 6" above process connection
  C8 couplers: Above 500ºF / 260ºC
  Extends electronics enclosure an additional 6" above process connection
  (Refer to **Table 1** for maximum and minimum process temperatures)

/h Electronic Module

- **M7B** Two Level, Graphic Display, 4-20 mA Output , HART
  Add suffix "M" for MODBUS (not Intrinsically Safe)
  Add suffix "F" for Foundation Fieldbus

/i Secondary Analog Output

- **X** None
- **RI** RI100 Repeat Indicator (HART communications only, not Intrinsically safe)

/j Approvals

- **X** None
- **FM** Factory Mutual Research Corporation and Canadian Standards Association
- **GR** GOST Russian (M7AM option and RI100 not Intrinsically Safe)
- **CEX** ATEX Flameproof
- **CEI** ATEX I.S.
- **IEI** International Electromechanical Commission I.S.
- **IEX** International Electromechanical Commission Flameproof
- **UKR** Ukraine SEPRO

/k Process Connection

- **P** Standard as shown on Probe Process Connection Table **(Table 1)**
- **FL** Loose flange or plug for use with probe NPT threads;
  Specify type, material and rating from Flange Designation Chart (SLG-0001-1)
- **WP** Welded process connection
  Specify type, material and rating from Flange Designation Chart (SLG-0001-1)
  The Flange Designation Guide is available under Data Sheets on the MT5100 Product Page on www.ktekcorp.com
  Welded flanges size 900# and above may require the use of an H6 extension.

/l Length

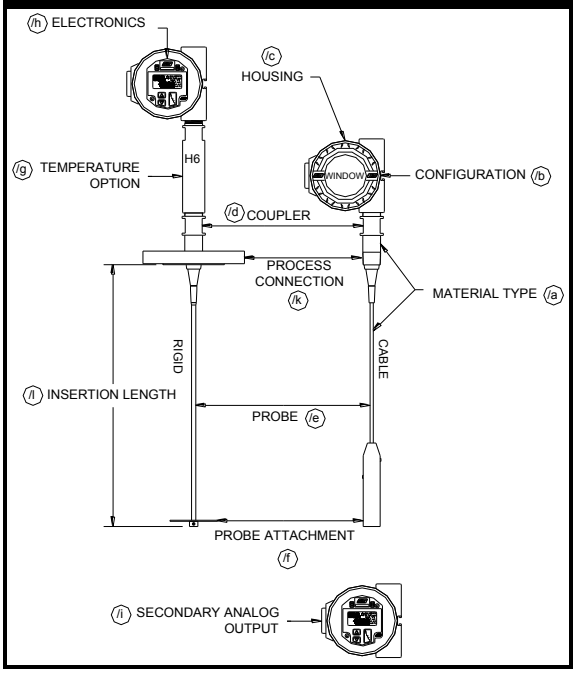
- **L** Insertion length from face of coupler in inches or millimeters.
  -12in / 305mm minimum
  - maximum based on probe type

Available Accessories:

M20 ISO Fitting: M20 Female Electrical Connection (Brass or Stainless Steel)

- MM Brass
- MMS Stainless Steel

DESCRIPTION



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MT5100 INTERFACE GUIDELINES

In order to properly detect the level of interface between two liquids using the MT5100, the following rules must be adhered to:

1. One of the following probe and mounting configurations must be used:
   a. Single rigid rod or flexible cable mounted in a stilling well, external chamber, or existing displacer.*
   b. Dual rigid rod, dual flexible cable or Tri-Tape
   c. Coaxial probe mounted into tank, external chamber, or displacer
   * *This is the preferred mounting configuration to reduce the chance of fouling.*
2. Emulsion layers will affect the detection of an interface level. An emulsion layer may negate an interface level indication completely. The MT5100 will read an interface level in the presence of a 2 inch emulsion.
3. The minimum upper fluid thickness must be 4 inches when emulsion is present, and 0 inches with a clean interface.
4. The upper fluid dielectric constant must be greater than 1.6 and less than 5.
5. The interface level indication is a calculated value based partially upon the dielectric of the upper fluid. The upper fluid dielectric must remain constant for consistency / accuracy in the interface level indication.
6. The lower fluid dielectric constant must not be less than 15.
7. If the application is a flooded condition (sensor completely submerged in process), it must remain completely flooded.
8. In a non-flooded condition, the upper fluid must not be allowed to enter the upper unmeasurable zone. The upper unmeasurable zone is typically located within the mounting nozzle of the vessel.

If the required interface application does not fall within the above mentioned parameters, please consult the factory for an alternate technology, such as a Magnetostrictive, Magnetic Level Gauge or RF Capacitance.

Table 1 - PROCESS CONNECTION / WAVEGUIDE COUPLER

Base Code[3]	Insulator	Process Connection	Seal Options Table 2	Maximum Pressure	Min Temp[5]	Max Temp[5]	Compatible Probes
SINGLE PROBE / COAXIAL PROBE							
C1o[1,2]	Teflon	3/4" NPT	V, K, E, A	1500 psi @ 100°F / 103 bar @ 38°C 600 psi @ 400°F / 41 bar @ 204°C	-60ºF -50ºC	400ºF 204ºC	P01[4], P03[4], P11[4], P51, P91
C2o[1,2]		1.5" NPT					P02[4], P12[4]
C8	Borosilicate Glass	1.5" NPT	Hermetic	5000 psi @ 100ºF / 344 bar @ 38ºC 1500 psi @ 800ºF / 103 bar @ 427ºC	-60ºF -50ºC	800ºF 427ºC	P11[7], P71 (316SS only)
DUAL PROBE							
C4o[1,2]	Teflon	1.5" NPT	V, K, E, A	1500 psi @ 100°F / 103 bar @ 38°C 600 psi @ 400°F / 41 bar @ 204°C	-60ºF -50ºC	400ºF 204ºC	P31
C5o[1,2]		2" NPT					P22, P32
TRI-TAPE PROBE							
C10on[1,2,6]	Teflon	2" or 3" NPT	V, K, E, A	1500 psi @ 100°F / 103 bar @ 38°C 600 psi @ 400°F / 41 bar @ 204°C	-60ºF -50ºC	400ºF 204ºC	P34 (316SS only)
CUSTOM							
CXo	Custom (Consult Factory)						

Notes:
1. Add the suffix "H" to the Base Code (example: C1HV) to increase the maximum pressure to:
   3000 psi @ 100 F / 207 bar @ 38 C
   1200 psi @ 400 F / 83 bar @ 204 C
2. Add the suffix "S" to the Base Code to include a hermetic seal (example: C4SV)
3. o - Enter seal code from Table 2 (example: C2V. Not required for C8)
4. Requires installation in a stilling well or external chamber
5. Consult Table 2 for o-ring temperature specifications.
6. Thread size "n" as follows: 2" NPT = 2, 3" NPT = 3 (example: C10V3)
7. Requires installation in a stilling well or external chamber - minimum L1=12"

Table 2 - O-RING SEALS

Suffix	Description	Min. Temp	Max. Temp	Compatible With	Not Compatible With
V	Viton	-15ºF -26ºC	400ºF 204ºC	General Purpose, Ethylene	Ketones (MEK, Acetone), Skydrol Fluids, Amines, Anhydrous Ammonia, Low Molecular Weight Esters and Ethers, Hot Hydrofluoric or Chlorosulfuric Acids, Sour HCs
K	Kalrez	-40ºF -40ºC	400ºF 204ºC	Inorganic and Organic Acids to Include HH and Nitric, Aldehydes, Ethylene, Glycols, Organic Oils, Silicone Oils, Vinegar, Sour HCs, Amines, Ethylene Oxide, Propylene Oxide	Black Liquor, Hot Water, Hot Aliphatic Amines, Molten Sodium, Molten Potassium
E	EPDM	-60ºF -50ºC	250ºF 125ºC	Acetone, MEK, Skydrol Fluids, Anhydrous Ammonia	Petroleum Oils, Di-Ester Base Lubricants, Propane
A	Aegis	-14ºF -10ºC	572ºF 300ºC	Most Chemicals	Brake Fluid

Table 3 - PROBE TYPES

Code	O.D.	Notes	Max Length	Attachment Options
RIGID ROD				
P01	0.25in (6mm)		10ft (3.05m)[1]	CD
P02	0.50in (13mm)		20ft (6.10m)[2]	
P03	0.38in (9mm)		10ft (3.05m)[1]	
FLEXIBLE CABLE				
P11	0.19in (5mm)		30ft (9.1m)[3]	CD, CW
P12	0.25in (6mm)			
DUAL RIGID ROD				
P22	0.50in (13mm)		30ft (9.1m)	CD
DUAL FLEXIBLE CABLE				
P31	0.19in (5mm)		65ft (19.8m)	CD, CW
P32	0.25in (6mm)			
TRI-TAPE				
P34	2.00in (51mm)	316 Stainless Steel only	50ft (15.24m)	CW (included)
COAXIAL (clean liquids only)				
P51	0.88in (22mm)		22ft (6.71m)	CD
P71	1.32in (34mm)	316 Stainless Steel only		
P91	1.00in (25mm)			
CUSTOM				
PXX	Custom Probe, Consult Factory			

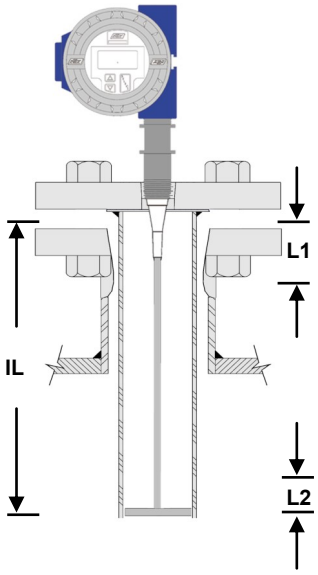
Notes:

1. 5ft (1.52m) maximum probe length when installed in a stilling well or EC chamber (minimum 2” diameter)
2. 10ft (3.05m) maximum probe length when installed in a stilling well or EC chamber (minimum 3” diameter)
3. Lengths greater than 7ft (2.13m) require cable spacers at 5ft (1.52m) maximum intervals when installed in a 2” or smaller stilling well or EC chamber. Lengths greater than 10ft (3.05m) require cable spacers at 10ft (3.05m) maximum intervals when installed in 2.5” - 3” stilling well or EC chamber.

MT5100 Recommended Installation

SINGLE PROBE IN STILLING WELL AND TRI-TAPE

UNMEASURABLE ZONES	
L1	4 IN.
L2	1 IN. (+ weight height for P11, P12)
PROBE TYPES	
P01, P02, P03, P11, P12, P43	

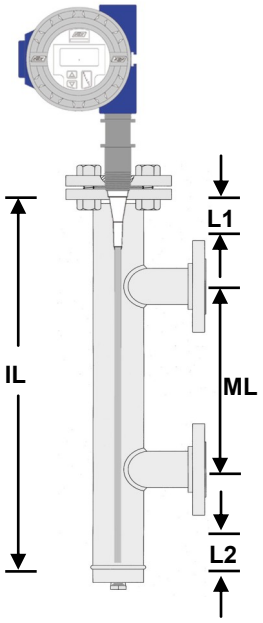


- ***Preferred Configuration***

Note:
Stilling Well Size 2” - 4” Pipe; Customer or K-TEK Supplied.

SINGLE PROBE IN EC CHAMBER

UNMEASURABLE ZONES	
L1	4 IN.
L2	1 IN. (+ weight height for P11 and P12)
PROBE TYPES	
P01, P02, P03, P11, P12	

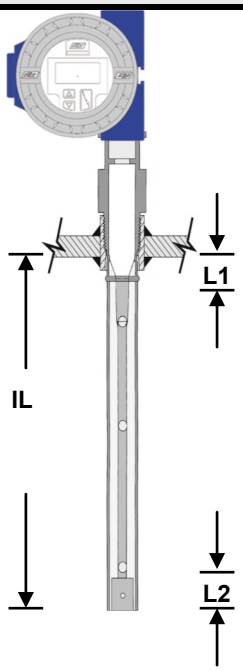


- ***Preferred Configuration***
- ***Flooded or Non-Flooded***

Note:
Chamber Size 2” - 4” Pipe; Customer or K-TEK Supplied. Reference EC Data Sheet (EC100-0202-1) to specify / order external chamber available online at www.ktekcorp.com on the Displacer Replacer and External Chamber page.

COAX (CLEAN FLUIDS ONLY)

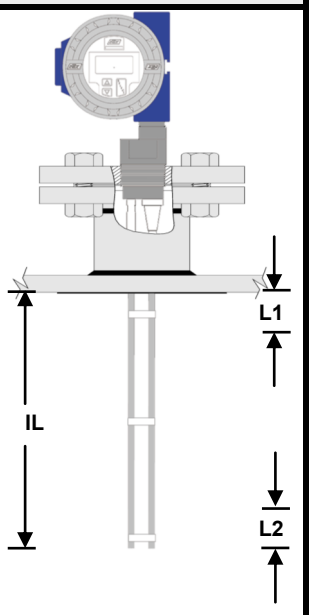
UNMEASUREABLE ZONES	
L1	4 IN.*
L2	1 IN.
PROBE TYPES	
P51,P71, P91	



* 0” Available Upon Request.

DUAL PROBE

UNMEASURABLE ZONES	
L1	4 IN.
L2	2 IN. (+ weight, height for P31 and P32)
PROBE TYPES	
P22, P31, P32	



MT5100 Guided Wave Radar Probe Attachments

Cable Weights					
Part No.	**Material**	**O.D.**	**Weight Height (WH)**	**Weight**	**Compatible Probes**
CW09D-S6	316SS	0.875 in. / 22.2 mm	4.0 in. / 101.6 mm	0.7 lbs / 301 g	P11
CW09D-S4	304SS				
CW09D-MO	Monel			0.8 lbs / 324 g	
CW10D-S6	316SS	1.0 in. / 25.4 mm	6.0 in. / 152.4 mm	1.3 lbs / 590 g	P11
CW10D-S4	304SS				
CW10D-MO	Monel			1.4 lbs / 635 g	
CW10E-S6	316SS			1.3 lbs / 590 g	P12
CW10E-S4	304SS				
CW10E-MO	Monel			1.4 lbs / 635 g	
CW16F-S6	316SS	1.625 in. / 41.3 mm	2.0 in. / 50.8 mm	1.1 lbs / 499 g	P11, P31
CW16F-S4	304SS				
CW16F-MO	Monel			1.2 lbs / 544 g	
CW19G-S6	316SS	1.875 in. / 47.6 mm	2.0 in. / 50.8 mm	1.5 lbs / 680 g	P12, P32
CW19G-S4	304SS				
CW19G-MO	Monel			1.6 lbs / 726 g	
CW29F-S6	316SS	2.875 in. / 73.3 mm	1.0 in. / 25.4 mm	1.8 lbs / 816 g	P11, P31
CW29F-S4	304SS				
CW29F-MO	Monel			2.0 lbs / 907 g	
CW29G-S6	316SS			1.8 lbs / 816 g	P12, P32
CW29G-S4	304SS				
CW29G-MO	Monel			2.0 lbs / 907 g	
For included weight on /P34 probes use code /CW-S6					

Centering Disks				
Part No.	**O.D.**	**Height**	**Compatible Probes**	**Minimum Stilling Well Size**
CD15B-%	1.5 in / 38.1 mm	0.375 in / 9.5 mm	P01	1.5 in sch. 40
CD15C-%		0.5 in / 12.7 mm	P02	
CD15I-%		0.4375 in / 11 mm	P03	
CD20B-%	2.0 in. / 50.8 mm	0.375 in / 9.5 mm	P01	2 in sch. 40
CD20C-%		0.5 in / 12.7 mm	P02	
CD20I-%		0.4375 in / 11 mm	P03	
CD23B-%	2.3 in. / 58.7 mm	0.375 in / 9.5 mm	P01	2.5 in sch. 40
CD23C-%		0.5 in / 12.7 mm	P02	
CD23I-%		0.4375 in / 11 mm	P03	
CD28B-%	2.8 in. / 71.1 mm	0.375 in / 9.5 mm	P01	3 in sch. 80
CD28C-%		0.5 in / 12.7 mm	P02	
CD28I-%		0.4375 in / 11 mm	P03	
CD38B-%	3.75 in. / 95.3 mm	0.375 in / 9.5 mm	P01	4 in sch. 80
CD38C-%		0.5 in / 12.7 mm	P02	
CD38I-%		0.4375 in / 11 mm	P03	
% - enter material code from /a				

Quotation Request - MT5000 SERIES Guided Wave Radar

Tel (1) 225-673-6100 Email:sales@ktekcorp.com Date: _____

Fax (1) 225-673-2525 Attn: _____

Customer: _____ Contact: _____

Phone # : _____ Fax # : _____

Email: _____ Project: _____

Rep Firm: _____ Contact: _____

Phone # : _____ Fax # : _____

Email: _____

Process Conditions: **TAG:** _____

Material To Be Measured: _____ Dielectric Constant: _____

Is Material: ☐ **Solid** ☐ **Liquid** ☐ **Liquid/Liquid Interface** **(Refer to MT5100 Level and Interface Level Measurement Data Sheet (MT5100-0202-1) for more information.**

If Solid: Particle Diameter: _____ Bulk Density _____ **pcf / kg/m^3**

If Liquid / Liquid Interface: Upper Dielectric Constant: _____ Lower Dielectric Constant: _____

☐ Flooded Sensor ☐ Non-flooded Sensor

Temperature: Operating: _____ Maximum: _____ **°F / °C / °K**

Pressure: Operating: _____ Maximum: _____ **PSIG / KG / BAR**

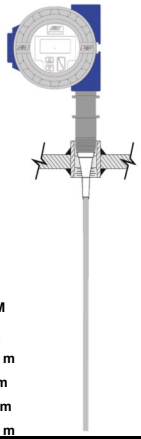
Agitation: ☐ None ☐ Minimal ☐ Heavy

Foam : ☐ No ☐ Yes: Foam Density: ☐ Light ☐ Heavy

Buildup: ☐ None ☐ Light ☐ Heavy (Single Probe designs recommended with heavy buildup)

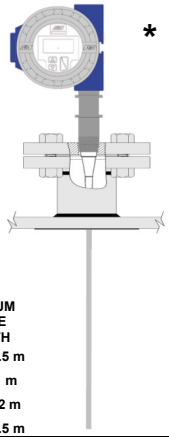
Select mounting configuration closest to your application: (*Not for liquid / liquid interface)

Flat Plate Or Coupling *



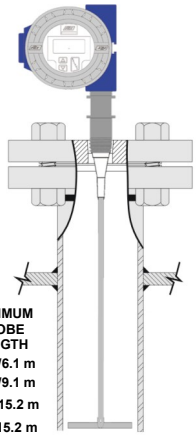
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.3[1]	100 ft./30.5 m
4	20 ft./6.1 m
10	40 ft./12.2 m
35	100 ft./30.5 m

Nozzle & Flange *



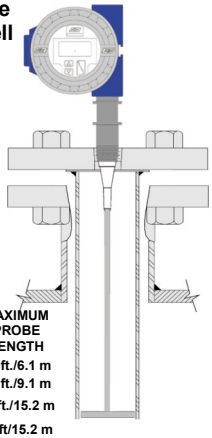
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.3[1]	100 ft./30.5 m
4	20 ft./6.1 m
10	40 ft./12.2 m
35	100 ft./30.5 m

Permanent Stilling Well



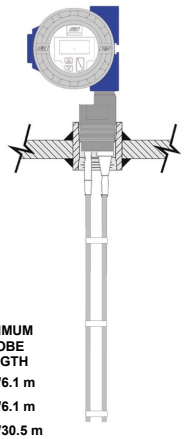
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.7	20 ft./6.1 m
3	30 ft./9.1 m
10	50 ft./15.2 m
35	50 ft/15.2 m

Removable Stilling Well



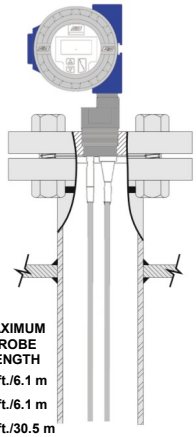
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.7	20 ft./6.1 m
3	30 ft./9.1 m
10	50 ft./15.2 m
35	50 ft/15.2 m

Dual Rod Flat Plate or Coupling



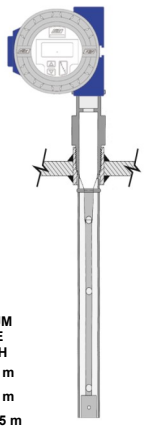
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
3	20 ft./6.1 m
4	20 ft./6.1 m
10	100 ft./30.5 m

Dual Rod Nozzle & Flange



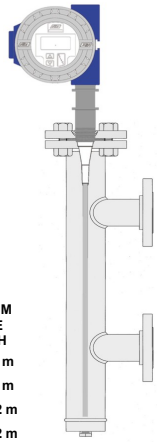
MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
2.5	20 ft./6.1 m
4	20 ft./6.1 m
10	100 ft./30.5 m

Coaxial Probe



MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.4	20 ft./6.1 m
4	20 ft./6.1 m
10	100 ft./30.5 m

External Chamber



MINIMUM DIELECTRIC CONSTANT	MAXIMUM PROBE LENGTH
1.7	20 ft./6.1 m
3	30 ft./9.1 m
10	50 ft./15.2 m
35	50 ft./15.2 m

1. **Accuracy subject to changes in dielectric constant. Ultra-Low Dielectric (ULD) measurement method supports dielectric constants from 1.3 to a maximum of 2.5.**

Quotation Request

Material & Connections:

Process Connection: ☐ MNPT ☐ RF Flange ☐ Tri-Clamp ☐ Other

Process Connection Description: _____

Probe Material: ☐ 316L SS ☐ Hast C276 ☐ Hast B3 ☐ Monel ☐ Titanium ☐ Inconel 625

Probe Type: ☐ Solid Rod ☐ Cable (316SS & Monel Only)

☐ Sanitary Rod Specify Finish ☐ 180 Grit ☐ 240 Grit ☐ 240 Grit & EP

(Refer to chart for part numbers)

Centering Disk (Solid Rod): ☐ Yes ☐ No P/N: _____ If blank, K-TEK will choose.

Centering Weight (Cables): ☐ Yes ☐ No P/N: _____ If blank, K-TEK will choose.

Housing & Electronics Options:

☐ Aluminum Dual Compartment Housing **(standard)** ☐ 316L SS Dual Compartment Housing ☐ Window Cover

☐ HART ☐ MODBUS ☐ Foundation Fieldbus

Vessel / Application Details: **specify by circling**

Total Insertion Length (Bottom of process fitting to end of probe): _____ **in / ft / cm / m Other:** _____

Standard Lengths for field modification to final length: _____

Custom Lengths for final length by K-TEK _____

Mounting:

☐ Directly on roof of tank ☐ Mounted on Nozzle: nozzle height: _____ diameter: _____

☐ In existing stilling well - describe: _____

☐ In new stilling well - describe: _____

☐ In external chamber - describe: _____

☐ Stilling well or external chamber to be supplied with transmitter: Yes ☐ No ☐

Approval Required:

☐ **FM Factory Mutual**

XP-IS / I / 1 / ABCD / T6 Ta = 77ºC
DIP / II, III / 1 / EFG / T6 Ta = 77ºC
IS / I / 1 / ABCD / T4 Ta = 77ºC - ELE1034
NI / I / 2 / ABCD / T4 Ta = 77ºC
S / II,III / 2 / FG / T4 Ta = 77ºC
ANI / I / 2 / ABCD / T4 - ELE1034
Type 4X

☐ **Canadian Standards Association**

XP CL 1, DIV 1, GP ABCD; CL 2, DIV 1, GP EFG; CL 3 - T6
CL 1, DIV 2, GP ABCD; CL 2, DIV 2, GP EFG - T5
IS CL 1, DIV 1, GP CD; CL 2, DIV 1, GP EFG - T4
- when installed per ELE1034
Type 4X

☐ **GOST Russian**

1Exd[ia]IICT6, 0ExiaIIBT6, IP67

☐ **UKRSEPRO**

1ExdiaIICT6, 0ExiaIIBT4

☐ **IEC International Electromechanical Commission**

IECEx ITS 08.0036X
II 1/2 G/D
Ex ia IIB T4 (-40°C ≤ TAMB ≤ 66°C)
Ex iaD 20/21 IP6X T80°C (-40°C ≤ 66°C)
IECx ITS 08.0037X
Ex ia d IIC T4
Ex iaD tD 20/A21 IP6X T80°C

☐ **ATEX**

ITS 08ATEX25865X
Ex ia IIB T4 (-40°C ≤ Tamb ≤ 66°C)
Ex iaD 20/21 IP6X T80°C (-40°C Tamb ≤ 66°C)
ITS08 ATEX15870X
II 1/2 G/D Ex ia d IIC T6
Ex tD 20/A21 IP6X T80°C

Completed by K-TEK:

Quotation #_____ By: _____ Date: _____

Qty: _____ Part #: _____ Price: $_____

Options: _____

_____

Note: All prices USD, EX-Works packed for shipping, FOB Factory, standard shipping 5 weeks ARO.

Additional notes or comments: _____

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