
**Special Features**

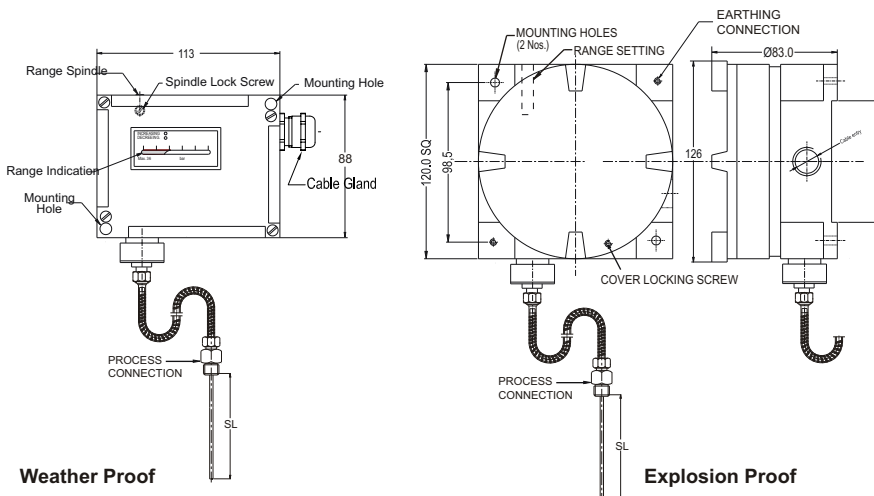
- High accuracy & repeatability
- SS wetted parts
- Set point locking
- Highly reliable

**Applications**

- Boiler, furnace, turbines, compressors, oil & gas, conventional & nuclear power plants, waste water treatment, mines, petrochemical, food & pharmaceutical, chemical & fertilizer, cement, textile, pumps, glass, paint, pulp & paper, marine industries.

**Specifications**
**Standard Version**

Repeatability	:	± 1% F. S.
Scale accuracy	:	± 3% F. S.
Scale	:	°C
Range	:	Refer "how to order"
Maximum temperature limit	:	130% of F. S.
Differential	:	Fixed
Mounting	:	Direct / Panel
Process connection	:	1/2" BSP (M)
Enclosure protection	:	IP 66
Enclosure material	:	Die cast aluminum
Switch	:	1 SPDT
Switch rating	:	15 A, 250 VAC, 0.2 A, 220 VDC
Sensor	:	Bulb (Gas filled)
Sensor material	:	AISI 316 SS
Diaphragm	:	AISI 316 L SS
Cable gland	:	DIN connector for 1 SPDT PG 13.5 mm for 2 SPDT

**Dimensional Details**


Notes : • Drawings are not to scale.  
• All dimensions are in mm.

How To Order						Example						
<b>Basic Model</b>						ZTD						
<b>Enclosure</b>												
<b>WA</b>	Die Cast Aluminum (Weather proof to IP 66)					X OR						
<b>X</b>	Explosion proof to Class 1, Div. 2, Gas Groups B, C & D					XX						
<b>Process Connection (# Not recommended for revolving / swivel connections)</b>												
<b>3BM</b>	3/8" BSP (M)	<b>4BM</b>	1/2" BSP (M) (Standard)*	<b>5BM</b>	3/4" BSP (M)	XXX						
<b>3NM</b>	3/8" NPT (M)*#	<b>4NM</b>	1/2" NPT (M)*#	<b>4MM</b>	M20 x 1.5 (M)*							
<b>3TM</b>	3/8" BSPT (M)*#	<b>4TM</b>	1/2" BSPT (M)*#									
* Suitable for stem diameter 6 to 10 mm												
<b>Note : Connections like Metric/ PT/ PF/ Flaired/ UNF/ G/ R etc can be provided on request.</b>												
<b>Process Connection Type</b>												
<b>ZI</b>	Adjustable (standard)		<b>ZJ</b>	Fixed		XX						
			<b>KJ</b>	Revolving / swivel								
<b>Stem Length (Below Thread Max. 600 mm)</b>												
Minimum Stem Length (Below Thread)		130 mm	120 mm	120 mm	120 mm	110 mm	100 mm					
Stem OD		6 / 6.35mm	8 mm	9.5 mm	10 mm	12 mm						
Please specify in mm												
<b>Stem Diameter</b>												
<b>1U</b>	6 mm	<b>2M</b>	6.35 mm	<b>2C</b>	8 mm (Standard)	<b>2I</b>	9.5 mm	<b>2J</b>	10 mm	<b>2K</b>	12 mm	XX
<b>Range</b>												
<b>T100</b>	10 to 100°C		<b>T250</b>	50 to 250°C		XXXX						
<b>T160</b>	20 to 160°C		<b>T400</b>	50 to 400°C								
<b>Type</b>												
<b>A1</b>	With rigid stem			<b>A2</b>	With capillary		XX					
<b>Capillary Length (Max up to 5 Mtrs.)</b>												
In meters (e.g. 1.5 = 1.5 Meters 2.0 = 2 Meters)						3 mtr						
<b>Capillary Material</b>												
<b>PE</b>	AISI 304 SS			<b>PG</b>	AISI 316 SS		XX					
<b>Capillary Covered with Armour (Applicable with PE or PG if selected)</b>												
<b>PF</b>	AISI 304 SS		<b>PH</b>	AISI 316 SS		<b>PI</b>	PVC (Ambient Temp. Max. 60°C)		XX			
<b>Type of Micro Switch</b>												
<b>1S</b>	1 SPDT			<b>2S</b>	2 SPDT		XX					
<b>Differential</b>												
<b>F</b>	Fixed (Standard)					X						
<b>Micro Switch Rating</b>												
Switch Code	Description	AC Rating	AC Rating (Resistive)	DC Rating (Inductive)		XXX						
<b>GPL</b>	Low dead band and fixed	15 A 250 V	2 A 24 V 0.4 A 110 V 0.2 A 220 V	2 A 24 V 0.4 A 110 V 0.2 A 220 V								
<b>GPH</b>	Standard dead band	15 A 250 V	6 A 24V 0.5 A 110 V 0.25 A 220 V	5 A 24 V 0.05 A 110 V 0.03 A 220 V								
<b>Options</b>												
<b>PW</b>	Calibration certificate*		<b>PU</b>	Calibration certificate traceable to national / international standards*		XX						
<b>SX</b>	SS Tag plate		<b>WM</b>	Wall mounting bracket								
<b>GH</b>	Material test certificates***		<b>PM</b>	2" Pipe mounting								

\* Only for set point.

\*\*\*Material test certificates will be provided for wetted parts only with composition testing.

For others, please consult factory.

**Ordering Example: ZTD . X . XXX . XX . 100mm . XX . XXXX . XX . 3 Mtr . XX . XX . XX . X . XXX . XX**

**Note :** Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials