

GOST

Special Features

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

Applications

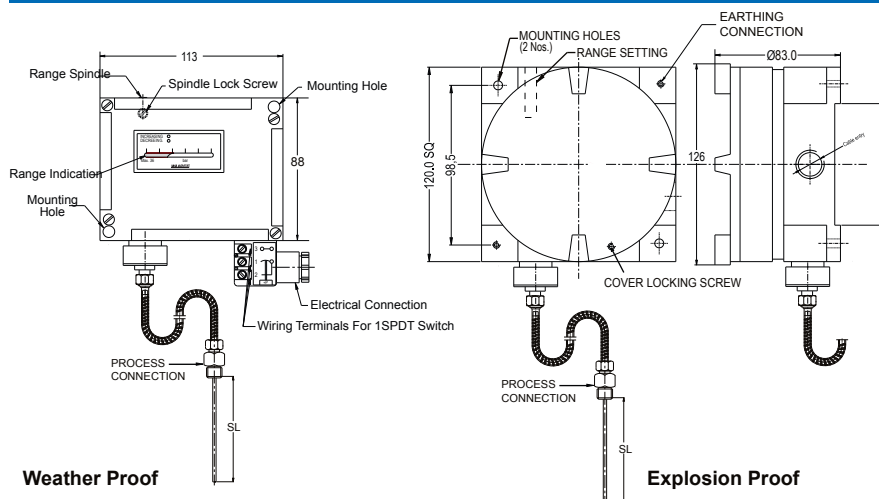
- Boiler, furnace, turbines, compressors, oil & gas, conventional & nuclear power plants, waste water treatment, mines, petrochemical, food & pharmaceutical, chemical & fertilizer, cement, textile, pumps, glass, paint, pulp & paper, marine industries.

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 & 1 DPDT

Dimensional Details



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

How To Order											Example	
Basic Model											ZTD	
Enclosure											X	
W	Weather proof to IP 66			X	Explosion proof to Class 1, Div. 2, Gas Groups B, C & D							
Process Connection (# Not recommended for revolving / swivel connections)											XXX	
3BM	3/8" BSP (M)			4BM	½" BSP (M) (Standard)*			5BM	¾" BSP (M)			
3NM	3/8" NPT (M)*#			4NM	½" NPT (M)*#			4MM	M20 x 1.5 (M)*			
3TM	3/8" BSPT (M)*#			4TM	½" BSPT (M)*#							
* Suitable for stem diameter 6 to 10 mm												
Note : Connections like Metric/ PT/ PF/ Flaired/ UNF/ G/ R etc can be provided on request.											XX	
Process Connection Type												
ZI	Adjustable (standard)			ZJ	Fixed			KJ	Revolving / swivel			
Stem Length (Below Thread Max. 600 mm)											100 mm	
Minimum Stem Length (Below Thread)				130 mm	120 mm	120 mm	120 mm	110 mm				
Stem OD				6 / 6.35mm	8 mm	9.5 mm	10 mm	12 mm				
Please specify in mm											XX	
Stem Diameter												
1U	6 mm	2M	6.35 mm	2C	8 mm (Standard)	2I	9.5 mm	2J	10 mm	2K		12 mm
Range												
T100	10 to 100°C			T250	50 to 250°C							
T160	20 to 160°C			T400	50 to 400°C							
Type											XX	
A1	With rigid stem			A2	With capillary							
Capillary Length (Max up to 15 Mtrs.)											3 mtr	
In meters (e.g. 1.5 = 1.5 Meters 2.0 = 2 Meters)												
Capillary Material											XX	
PE	AISI 304 SS			PG	AISI 316 SS							
Capillary Covered with Armour (Applicable with PE or PG if selected)											XX	
PF	AISI 304 SS			PH	AISI 316 SS			PI	PVC (Ambient Temp. Max. 60°C)			
Type of Micro Switch (* If selected, only option DPD is applicable for micro switch rating)											XX	
1S	1 SPDT			2S	2 SPDT			1D	1 DPDT*			

How To Order

Example

Micro Switch Rating *(Applicable for 1 DPDT, option **1D** only & not applicable for options **1S** & **2S**)

Switch Code	Description	AC Rating	AC Rating (Resistive)	DC Rating (Inductive)	Available on 1 SPDT	Available on 2 SPDT
GPL	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	Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
GPH	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	Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
GPA	Adj. differential micro switch	15 A 250 V			Adj. differential of ZPD, ZPP, ZDD	NA
GPG	Gold plated contact	1 A 125 V	0.5 A 28 V		Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
SES	Environmentally sealed silver contact	15 A 250 V	0.4 A 125 V		Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
SEG	Environmentally sealed silver contact		1 A 28 V		Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
HSS	Hermetically sealed silver plated	4 A 230 V	3 A 28 V	2 A 24 V	Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
HSG	Hermetically sealed gold plated	1 A 125 V	NA	NA	Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
HDC	High DC rating	10 A 125 V	10 A 125 V	6 A 125 V	Fixed differential of ZPD, ZPP, ZDD	Fixed differential of ZPD, ZPP, ZDD
DPD	DPDT Micro switch	10 A 125 V	0.2 A 250 V		Fixed & adjustable differential of ZPD, ZPP, ZDD	NA

Options

PW	Calibration certificate	PU	Calibration certificate traceable to national / international standards
SX	SS Tag plate	WM	Wall mounting bracket (steel plated)
GH	Material test certificates***	WM	Wall mounting bracket
PM	2" Pipe mounting		

***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 . 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 specified may be replaced by others without prior notice.