



Special Features

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

Applications

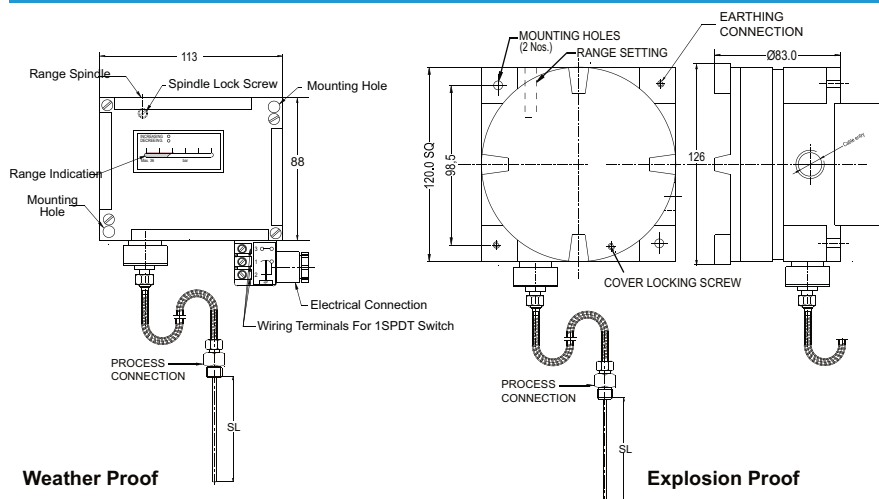
- Boiler, furnace, turbines, compressors, oil & gas, conventional & nuclear power plants, waste water treatment, mines, petrochemical, food & pharmaceutical, chemical & fertilizer, cement, textile, pumps, glass, paint, pulp & paper, marine industries.

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 or SS
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										X OR XX	
Enclosure											
WA	Die cast Aluminum (Weather proof to IP 66)					WS	Die cast SS (Weather proof to IP 66)			XXX	
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	1½" BSP (M) (Standard)*		5BM	3/4" 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.											
Process Connection Type										XX	
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											
Stem Diameter										XX	
1U	6 mm	2M	6.35 mm	2C	8 mm (Standard)	2I	9.5 mm	2J	10 mm		2K
Range										XXXX	
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 ZTD	Fixed differential of ZTD
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 ZTD	Fixed differential of ZTD
GPA	Adj. differential micro switch	15 A 250 V			Adj. differential of ZTD	NA
GPG	Gold plated contact	1 A 125 V	0.5 A 28 V		Fixed differential of ZTD	Fixed differential of ZTD
SES	Environmentally sealed silver contact	15 A 250 V	0.4 A 125 V		Fixed differential of ZTD	Fixed differential of ZTD
SEG	Environmentally sealed silver contact		1 A 28 V		Fixed differential of ZTD	Fixed differential of ZTD
HSS	Hermetically sealed silver plated	4 A 230 V	3 A 28 V	2 A 24 V	Fixed differential of ZTD	Fixed differential of ZTD
HSG	Hermetically sealed gold plated	1 A 125 V	NA	NA	Fixed differential of ZTD	Fixed differential of ZTD
HDC	High DC rating	10 A 125 V	10 A 125 V	6 A 125 V	Fixed differential of ZTD	Fixed differential of ZTD
DPD	DPDT Micro switch	10 A 125 V	0.2 A 250 V		Fixed & adjustable differential of ZTD	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.

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.