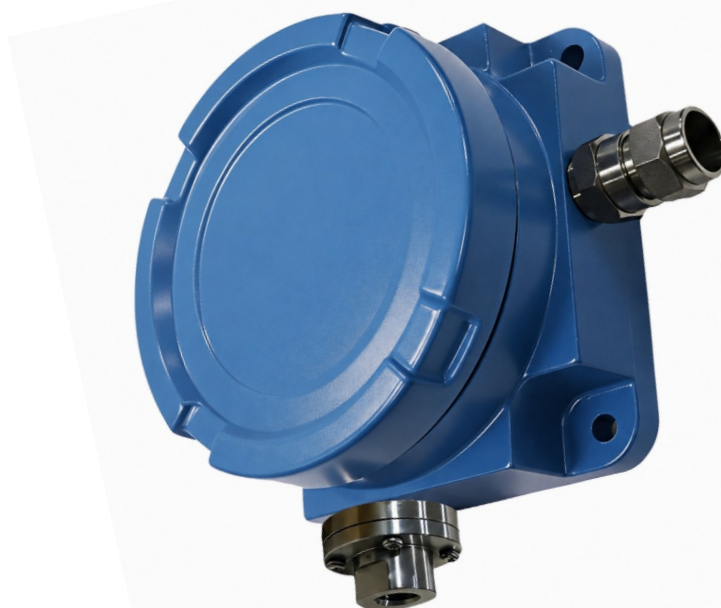


FEATURES

- Rigid construction
- Field adjustable set point
- Fix / adjustable differential
- Internal set point lock
- Flameproof to IP 66

APPLICATION

- Oil and Gas, Refineries
- Textile machinery
- Railway engines and turbines
- Power & Steel plants
- Furnace applications
- Petro-chemicals and Fertilizers
- Cement industry



STANDARD SPECIFICATIONS

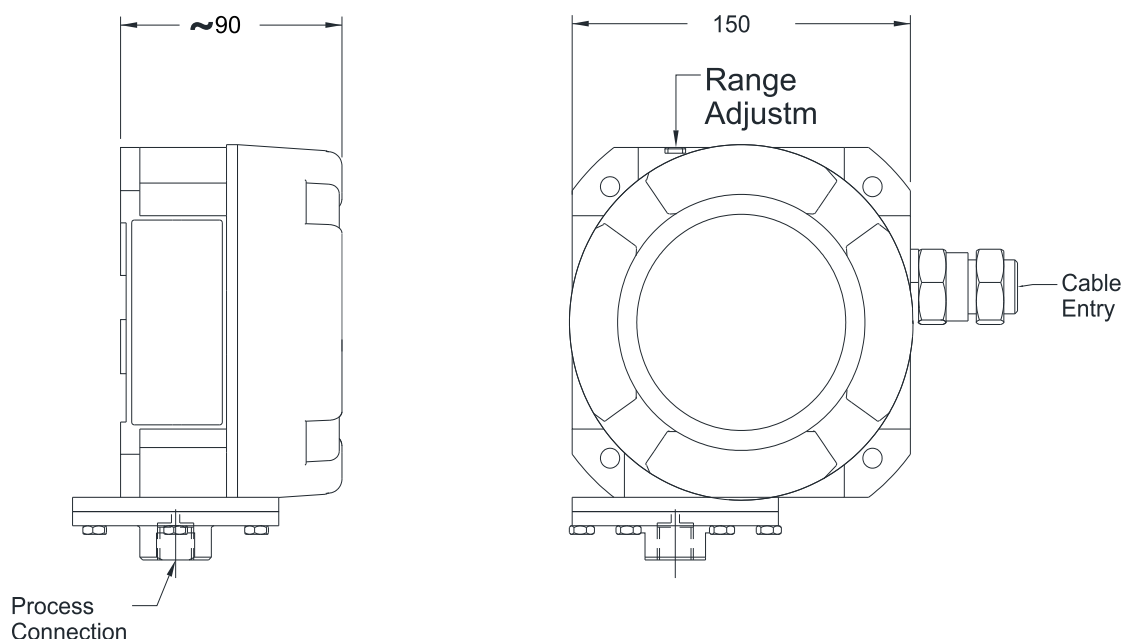
Repeatability	± 1 % F.S
Scale accuracy	± 3% F.S
Measurement unit	bar, kg/cm ² , psi, mbar & mmWC
Range	Refer "range table"
Range adjustment	External and internal locking
Differential	Fixed / adjustable (Optional)
Mounting	Bottom / Panel
Enclosure material	Aluminum pressure die cast
Enclosure rating	Ex d IIC T6 Gb (-10°C ≤ Ta ≤ +60°C) Zone 0, 1 & 2 as per IS/IEC 60079-1 : 2007
Sensing elements	SS 316 Diaphragm
Switch	1 SPDT Snap action micro switch
Switch rating	15A, 250 VAC / 0.2A, 24 VDC
Process connection	¼" NPT (F)
Maximum process temperature	130°C
Ambient temperature	-10...60 °C
Cable entry	3/4" ET Double compression cable gland
Set point	Between 20 to 80 % F.S for better performance
High voltage strength	0.5 to 0.6 KV between open contacts and 2 K V between contact and body

RANGE TABLE

-20...20 mbar	-1...1 bar	0...6 bar	6...60 bar
3...20 mbar	0.0...1 bar	0...10 bar	10...100 bar
10...100 mbar	0.2...2.5 bar	1...16 bar	50...250 bar
40...400 mbar	0...4 bar	2...25 bar	50...400 bar
60...600 mbar		4...40 bar	

FLAMEPROOF PRESSURE SWITCH

DIMENSIONAL DRAWING



All dimensions are in mm

ORDERING CODES

Mounting

Direct bottom	01
Panel	02

Range

Refer range table	XX
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Chamber Material

AISI 316 SS	S6
Monel	SM

Sensing Element Material

AISI 316 SS	S6
AISI 316 SS with PTFE	S7
Monel	SM
Hastelloy C	SH

Process Connection

¼" NPT (M)	P1
¼" NPT (F)	P2
¼" BSP (M)	P3
¼" BSP (F)	P4
½" NPT (M)	P5
½" NPT (F)	P6
½" BSP (M)	P7
½" BSP (F)	P8

Switching Differential

Fixed	D1
Asjustable	D2

Cable Entry

¾ ET Double compression gland	C1
½" NPT Doublecompression gland	C2

Microswitch

General purpose	M1
Gold contact	M2
Environmentally sealed silver contact	M3
Environmentally sealed gold contact	M4
Hermetically sealed silver contact	M5
Hermetically sealed gold contact	M6

Optional Features

SS 304 Tag plate	O1
Wall mounting bracket	O2
Mounting bracket with 2" U-clamp	O3
Calibration certficte	O4