

**SD SERIES PRESSURE TRANSMITTER & SWITCH****FEATURES**

- Measuring range –0 to 250 Bar
- Media : Liquid & Gases
- Accuracy : ± 0.1 of range
- Response Time : < 1 Sec.
- Long Term Stability
- Robust design for use in harsh industrial environments
- High voltage & reverse polarity protection

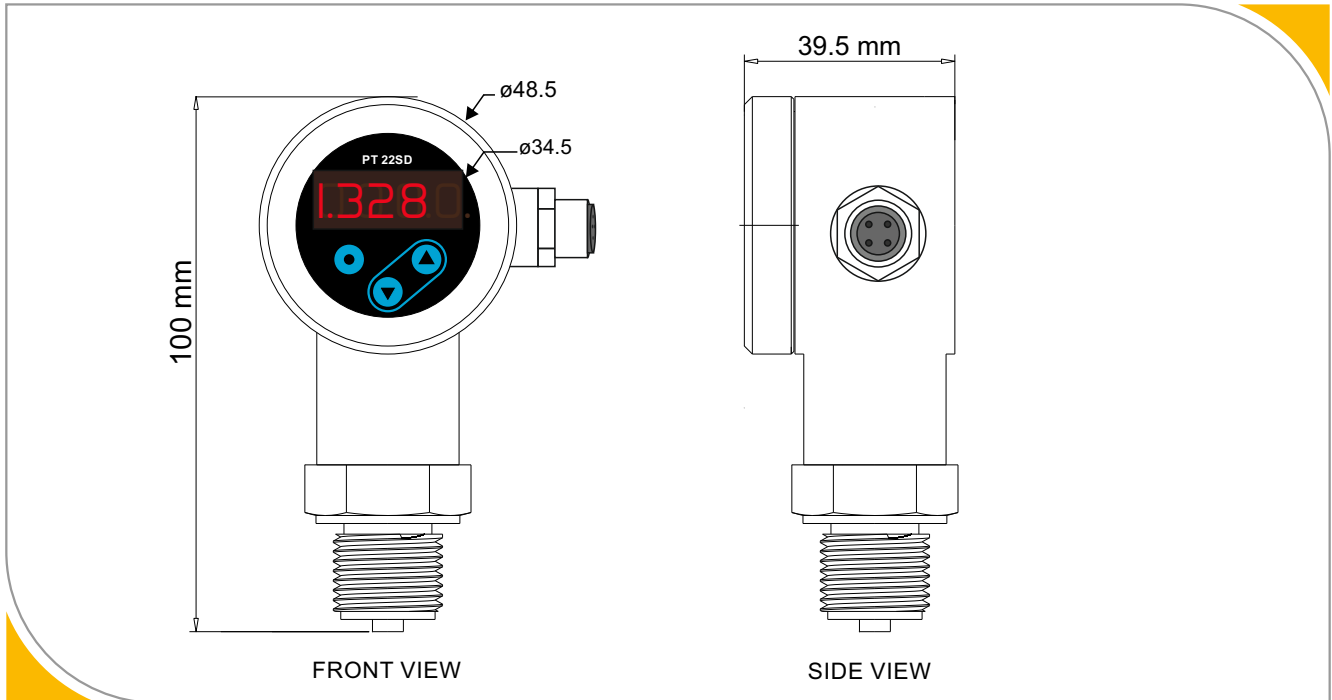
**PT 22SD****DPT 22SD**

Electronet series PT–22SD & DPT–22SD are Pressure Transmitter for fast, easy & trouble free operation. These transmitters are designed to cover the majority of industrial applications such as clear Gases & Liquids. Electrical output is in the form of 4–20 mA DC / 0 to 5V DC proportional to the Input Pressure. PNP (100mA max.) alarm output is also available. All wetted parts are stainless steel & hermitically welded.

Technical Specifications

Sensor Type	Piezo Resistive / Capacitive
Measuring Range	AP : From 0.1885 to 300psi
	GP : From 0.1885 to 10000psi
	DP : From 0.1885 to 300psi
Power Supply	12 to 36V DC
Display	LED Display
Output 1	4 to 20 mA DC / 0 to 5 V / RS485 (MODBUS)
Output Load	Max 600 Ω (For 4 to 20mA) / 10K (For 0 to 5V OP)
Output 2	PNP Alarm output (Max. load 100mA)
Accuracy	$\pm 0.25\%$ F. S.
Non Linearity	0.2% of Span
Non Repeatability	$< 0.1\%$ of Span
Response Time	< 10 mSec for 10 to 90% output change
Over Pressure Safety	2 times max. Pressure range
Burst Pressure	3 times max. Pressure range
Process Temperature	-20 to 120 °C max
Ambient Conditions	Temperature : -20 to 55 °C / Humidity : 5 to 95% non condensing
Insulation Resistance	> 100 M Ω at 100VDC
Span / Zero Adjustments	Programmable Software Calibration
Process Connection	Threaded: 1/4" NPT, 2) 1/2" NPT, 3) 1/4" BSP, 4) 1/2" BSP
Electrical Connection	4 Pin M12 Female
Mounting	Direct Line mount (Vertical)
Material of Construction	All wetted parts SS 316 (Options available on request)
Enclosure	SS316 with IP 65 Ingress Protection / ABS Plastic
Area Classification	Field Mount Weather Proof IP65
Certification	CE
Weight	0.6 kg (Approximate)

Product Drawing



Ordering Information

Sample Order Code : A1 B2 C1 D2 E1

Parameter	Code	Description	Parameter	Code	Description
A Measurement Type	A1	AP	D Diaphragm Material	D1	SS316L
	A2	GP		D2	Hastelloy C
	A3	DP		DY	Other
B Pressure Range	B1	0.1885 psi	E Process Connection	E1	1/4" NPT (M)
	B2	1.16 psi		E2	1/2" NPT (M)
	B3	5.801 psi		E3	1/4" BSP (M)
	B4	29.007 psi		E4	1/2" BSP (M)
	B5	100 psi		E5	1/4" NPT (F)
	B6	300 psi		E6	1/2" NPT (F)
	B7	1000 psi		E7	1/4" BSP (F)
	B8	3000 psi		E8	1/2" BSP (F)
	B9	6000 psi		E9	Flush Diaphragm (Triclover)
	B10	10000 psi		E10	Flush Diaphragm (1" BSP)
DP/AP URL : From 0.1885 to 300 psi & GP URL : From 0.1885 to 10000 psi					
C Output 1	C1	4 to 20 mA	Note : • Due to our continuous product revisions, design specification and model numbers are subject to change without notice. • Accuracy defined at Lab Conditions. • For other requirement please consult factory.	EY	Other
	C2	0 to 5 V			
	C3	RS485 (MODBUS)			
	CY	Other			

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