

INTRINSICALLY SAFE PRESSURE TRANSMITTER

Special Features:

Ex-protection Ex ib IIC T4
Wide Temperature Range
Stainless Steel Welding Encapsulated Construction
Approvals Meet International Standards
Compact Case made of Stainless Steel
Surge Protection, Reverse Voltage Protection to 36V DC
Diffused Silicon Technology for High Accuracy



Applications:

PX9000 Intrinsically Safe Hazardous Area Pressure Transmitters with Compact Design are used for various applications in Hazardous Areas in Chemical, Petrochemical, Oil and Gas Refining, Food Industry, Mechanical Engineering and High end industrial machinery.

Performance Specifications:

Pressure Range	: -1 Bar ~ 1000 Bar
Accuracy	: $\pm 0.50\%$ BFSL
Operating Temp.	: - 40 °C to 125°C
Compensated Temp.	: - 20°C to 85°C
Proof Pressre	: 2X
Burst Pressure	: 5X
Input Voltage	: 12 - 36 VDC Supply provided by an intrinsically safe power supply or through an approved intrinsically safe zener diode barrier
Output	: 4-20 mA , 0-10V , 0-5V, 0.5-4.5V Ratiometric, 1-5V

Wetted Parts	: AISI 316 SS
Diaphragm	: AISI 316L SS
Case	: AISI 304 SS
Connector	: Nylon 6/6
Media Compatibility	: All Materials compatible with AISI 316 SS
Protection	: IP 65 (IP68 for Cable Version)

	2 Wire	3 Wire	3 Wire
Output	: 4 - 20mA	0.5 - 4.5V	0 - 10V
Excitation (V)	: 12 - 36V	4.75 - 5.25V	15 - 30V

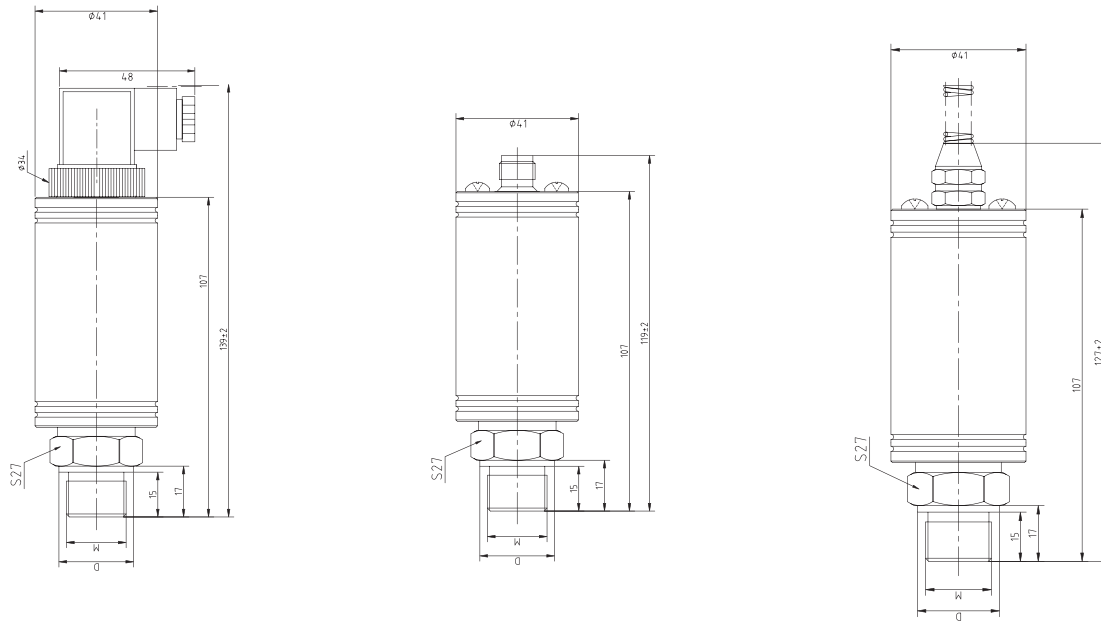
Standard Ranges:

RANGE (BAR)	RANGE (BAR)	RANGE (BAR)	RANGE (BAR)	RANGE (BAR)
-1/0	-1/1	0/3	0/4	0/5
-1/2	-1/3	0/6	0/7	0/10
-1/4	-1/5	0/12	0/16	0/18
-1/6	-1/10	0/20	0/25	0/30
-1/20	-1/40	0/40	0/50	0/60
-1/70	0/1	0/70	0/100	0/160
0/1.5	0/2	0/200	0/250	0/300
0/2.5	0/3.5	0/350	0/400	0/500

* Non Standard Ranges And Various Engineering Units Available On Request

INTRINSICALLY SAFE PRESSURE TRANSMITTER

⚙️ Dimensions:



	a	b	c	d
M	M14X1.5	M20X1.5	G1/4	G1/2
D	$\phi 19$	$\phi 25$	$\phi 19$	$\phi 25$

HOW TO ORDER

⚙️ Basic Model:

1	0.5 to 4.5V (ratiometric)	2	4 - 20mA	3	1 to 5V	2
4	0 to 10V	5	0 to 5V	6	0 to 100mV	

PX90

⚙️ Process Connection:

1	1/4" BSP (M)	2	1/2" BSP (M)	3	7/16" UNF (M)	1
4	1/4" NPT (M)	5	1/2" NPT (M)	7	1.5" Sanitary	

⚙️ Electrical Connection:

1	2ft Cable	2	2ft Cable with IP68 Gland	5	M12	6
4	Packard Metripak Connector	5	Bendix	6	Hirschman DIN 43650	

⚙️ Pressure Range:

Please Refer to the range table

⚙️ Units:

B	Bar
P	Psi

⚙️ Pressure Type:

A	Absolute Pressure
G	Gauge Pressure
C	Compound Pressure

Ordering Example : PX9021-6-001BA