

IIP Series

Pressure Transmitters



The IIP Series of Industrial Pressure transmitters are designed to meet the needs of both OEM and end-users in the competitive pressure measurement construction these sensors offer a competitive alternative to established manufacturers.

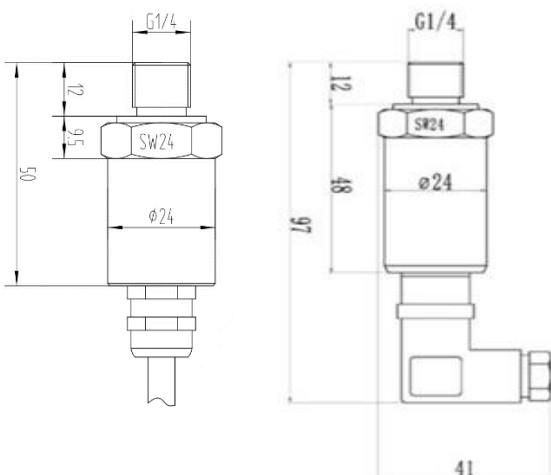
A wide range of outputs and connections are available and the range includes the following features:

- Measuring ranges from 0.25 to 700 bar g - absolute ranges also available
- 4-20mA, 0.5-4.5V, 0-10V & RS485 output types
- $\pm 0.25\%$ FSO accuracy with long-term stability
- Thermal drift $< 0.04\%$ FS/°C
- Temperature compensation built-in
- Stainless steel construction - compact 24mm diameter casing
- Variety of electrical connections including Cable, Hirschmann etc.
- Process connections include 1/4" BSP, 1/4" NPT etc.
- Silicon diaphragm

Technical Specifications

Pressure Ranges Bar g	0.25, 0.5, 0.75, 1, 1.6, 2, 5, 10, 16, 20, 35, 50, 100, 200, 250, 400, 600, 700
Pressure Ranges PSI	5, 10, 15, 30, 75, 150, 300, 750, 1500, 3800, 5900
Permissible Overpressure	1.5 x Nominal Range
Burst Pressure	2.5 x Nominal Range
Power Supply	Typical 24Vdc 5Vdc available
Ambient Operating Temperature Range	-40 to 80 °C ambient
Media Operating Temperature	-40 to +135 °C
Electrical connection	Hirschmann, Cable others available
Environmental Protection	IP65
Wetted Parts/Casing	316SS/304SS
Thread types	1/4" BSP, 1/4" NPT G 1/4 others available

Dimensions & Connections



Connection	Terminal No / Colour
Power Supply +ve	Number 1 / Red
Power Supply -ve	Number 2 / Blue

Bar Part Numbering: Typical Part Number : IIP-G1002-1AAA-00

Pressure Datum	
Absolute	-A
Gauge	-G
Pressure Range	
0-1 Bar	1000
0-1.6 Bar	1600
0-2 Bar	2000
0-5 bar	5000
0-10 Bar	1002
0-16 Bar	1602
0-20 Bar	2002
0-35 Bar	3502
0-50 Bar	5002
0-100 Bar	1003
0-200 Bar	2003
0-250 Bar	2503
0-400 Bar	4003
0-600 Bar	6003
0-700 Bar	7003
Output	
4-20mA 2-wire	-1
0.5 to 4.5Vdc 3-wire ratiometric	-2
0-10V 3-wire	-3
RS485	-4
Other	-X
Electrical Connection	
Industrial PVC Cable IP66 - 5m standard	A
Small Plug & Socket	B
Other	X
Process Connection	
¼" BSP	A
¼" NPT	B
Other	X
Standard	-00
Special Options	-XX

PSI Part Numbering: Typical Part Number : IIP-GP075-1AAB-00

Pressure Datum	
Absolute	-AP
Gauge	-GP
Pressure Range	
0-15 psi	015
0-30 psi	030
0-75 psi	075
0-100 psi	100
0-150 psi	150
0-300 psi	300
0-750 psi	750
0-1500 psi	1500
0-3600 psi	3600
0-5800 psi	5800
Output	
4-20mA 2-wire	-1
0.5 to 4.5Vdc 3-wire ratiometric	-2
0-10V 3-wire	-3
RS485	-4
Other	-X
Electrical Connection	
Industrial PVC Cable IP66- 5m standard	A
Small Plug & Socket	B
Other	X
Process Connection	
¼" BSP	A
¼" NPT	B
Other	X
Standard	-00
Special Options	-XX