

Process Pressure Sensor & Conditioning Module

Hybrid Manufactured
Accurate
Versatile



Hybrid Manufactured for a Variety of Process Applications

The Process Pressure Sensor is intended for measuring dynamic and static pressures of liquids and gases for both single-use and continuous use process applications. For better output signal connection, the sensor integrates a Molex connector, and offers an additional Output Conditioning Module for conditioned output of up to four sensors.

General Specifications

Pressure Range	-10 to 100 PSI
Accuracy for 0 - 30 PSI	±2%
Accuracy for 31 - 80 PSI	±4%
Accuracy for 81 - 100 PSI	±5%
Accuracy for -10 - 0 PSI	±4%
Oper. Temp Range	5°C - 40°C
Module Input Voltage	6 to 36 VDC
Sensor Input Voltage	6 VDC
Seal Type	Silicone USP Class VI O-Ring
Body Material	Polypropylene, Class VI, Others Available
Connector Cap Material	Nylon 12, SLS Printed, ISO 10993 Material
Internal Sensor Material	Polycarbonate and Dielectric Gel
Machining Criteria	Coolant and Air Blast Free
Assembly Criteria	Clean Hood Assembly, ISO Class 7
Pre-Assembly Cleaning	Detergent in DI then Alcohol Soak and Brush
Sterilization	X-Ray or Gamma Compatible
Packaging.	PE Heat Sealed Bag

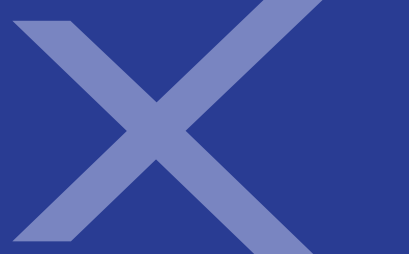
Conditioning Module Information

Dimensions:	4.25 x 2.75" x 1
Sensor Inputs:	1-4 Pressure Sensor, Transducer, or Load Cell Inputs
Output Communication:	4-20mA Outputs and MODBUS
Connector Types:	Phoenix Style, Connectors Provided
Housing Material:	Anodized Aluminum
Indicator:	LED Indicator for Function
Mounting Style:	DIN Rail Mount

Available Hose Barb Connections
¼" Hose Barb
⅜" Hose Barb
½" Hose Barb
Available Sanitary Connections
½" Sanitary
¾" Sanitary
Custom Integrations may also be available depending on application

Raw Sensor Pinout	
Pin	Signal
1	Signal +
2	Voltage in (6 VDC)
3	Signal -
4	Input Ground (-)

Electrical Connections
Sensor Input: Molex MX150
Module: Bare wire leads to a phoenix connector for input and output connections



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Get In Touch