

# Pressure Transmitter

# 108

This compact, two-wire pressure transmitter measures pressure and transmits a 4-20 mA output signal. The transmitter is supplied with syphon loop steam trap and conduit coupling.

- Factory Calibrated
- Compact Design
- 4-20 mA Output.

Preferred Pressure Transmitters are totally self-contained electronic packages with a stainless steel capacitance sensing element, coupled with a high level output IC-based circuit, to ensure excellent accuracy and long term stability.

Preferred Instruments Pressure Transmitters are specifically designed for industrial applications and typical industrial grade environments. Standard features are tailored for applications involving extreme environmental conditions and those that require more stringent performance needs. As a totally self-contained electronic package, the stainless steel capacitance sensing element, coupled with a high level output IC-based circuit, assures excellent accuracy and long term stability.

Application examples include:

- Industrial OEM Equipment
- Hydraulic Systems
- Compressor Control
- HVAC/R Equipment
- Industrial Engines
- Process and Containerized Refrigeration Systems

## Specifications

### Performance Data

Accuracy(at 70°F):	±0.25% FS
Stability:	0.5% FS/Year
Response Time:	5 milliseconds
Electrical Data	
Circuit:	2-Wire
Output:	4 to 20 mA
External Load:	0 to 800 ohms

### Environmental Data

Operating Temperature	
°F (°C):	-40 to +257 (-40 to +125)
Environmental:	Dry indoor Locations

### Physical Description

Case:	Stainless Steel & Valox
Sensor:	17-4 PH Stainless Steel
Electrical Connection:	1/2 " NPT Conduit
Pressure Fitting:	1/4 in — 18NPT External
Weight:	5 Ounces

## Ordering Information

Description	Catalog Number
0-25 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70600-V2
0-200 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70601-V2
0-500 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70602-V2
0-100 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70603-V2
-14.7- 0 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70604-V2
0-250 psig / 4-20 mA Pressure Transmitter SS Sensor and Body, 1/4" MNPT, with Steam Siphon Loop	70605-V2



Pressure Transmitter with Syphon Loop

Specs found here

