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SIGMA 9100PT CURRENT OUTPUT PRESSURE TRANSMITTER



FEATURES

- 316SS Construction
- Solid State Electronics
- Accuracy $\pm 0.5\%$ Total Errors
- All 316SS Wetted parts
- Analog 4/20MA Output
- Welded 316SS Diaphragm
- Wide Selection of Ranges
- C.E. Compliant (Reduces RFI, EMI, and SDI Noise)
- 1/4" NPT (M) Connection
- Fully Compatible with all Sigma Digital Displays and Controllers
- Compact Size
- Integral DIN Plug/Terminal Block
- Field Calibrateable

DESCRIPTION

The Sigma Controls Model 9100PT pressure transmitter is a state of the art, solid state instrument with industry standard 4/20MA two-wire output and 0.5% accuracy.

Utilizing a media isolated silicon strain gauge and solid state signal conditioning, the 9100PT offers a broad range of features and benefits.

ENGINEERING FEATURES

- Solid State Microprocessor Design
- Long Term stability
- Excellent Performance $\pm 0.5\%$ Total Error
- 316SS Wetted Parts
- Integral Terminal Block/Plug
- Fully Temperature Compensated -30° to 80°C
- 4/20MA Analog Output Standard
- 150% Overpressure
- Compatible with all Sigma 'MYRIAD' Level and Pump Controllers

SIGMA 9100PT CURRENT OUTPUT PRESSURE TRANSMITTER

SPECIFICATIONS

Pressure Ranges (PSIG):
5, 15, 30, 50, 100, 300, other
ranges available, consult factory.

Thermal Limits
Maximum Operating:

Storage: -40° to 120°C

Compensated: Temp Range:
-30° to 80°C

Thermal Error:
Zero: 0.03% FS/°C
Span: 0.03% FS/°C

Accuracy:
± 0.25% Typical

Input: 15-30 VDC

Output: 4/20MA

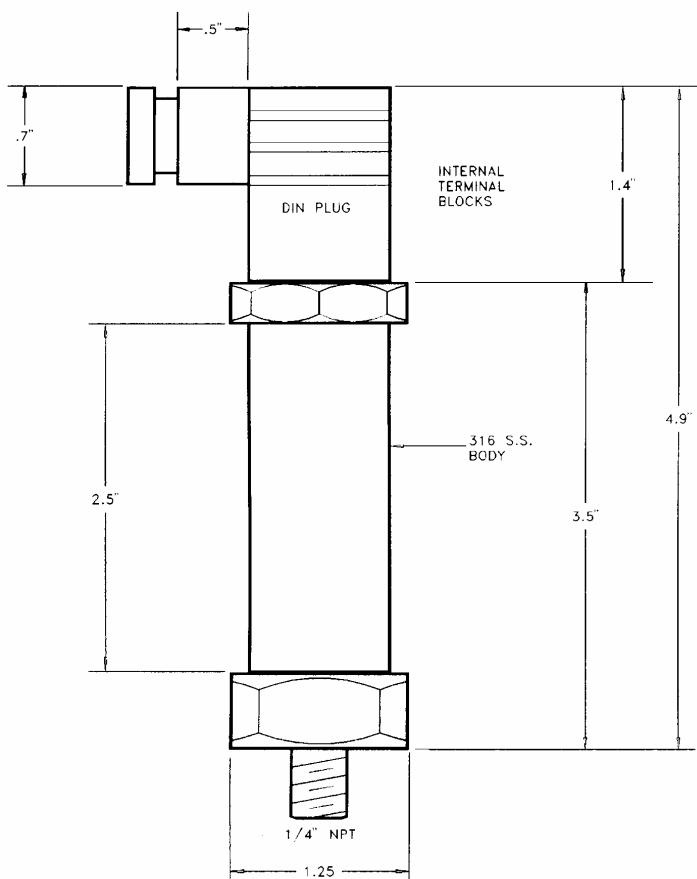
Electrical Connection:
Integral compression screw
Terminal block/DIN plug

Process Connection:
1/4" NPT (M) 316SS

Materials of Construction:
316SS body, Viton 'O' Ring,
316SS Diaphragm, 316SS Body

Electrical Connection:
Removable DIN plug/terminal
Block

DIMENSIONS



ORDERING INFORMATION

MODEL 9100PT

9100PT Pressure Transmitter

A = Range: 005, 015, 030, 100, 300 PSI

B = Input: 15-30VDC

C = Output 4/20MA

D = Options: Transient
Suppressor..... TVSS

EXAMPLE: 9100PT-100-B-C-TVSS

VISIT OUR WEBSITE:
SIGMACONTROLS.COM