Sigma Controls, Inc.
PROCESS CONTROLS AND INSTRUMENTATION

MADE IN AMERICA

SIGMA 9100PT
CURRENT OUTPUT PRESSURE TRANSMITTER

FEATURES

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

- Σ Long Term Stability
- Σ Excellent Performance ± 0.5% Total Error
- Σ 316SS Wetted Parts
- Σ Integral Terminal Block/Plug
- Σ Fully temperature Compensated -30° to 80°C
- Σ 4/20MA Analog Output Standard
- Σ 150% Overpressure
- Σ Compatible with all Sigma 'MYRIAD' Level and Pump Controllers

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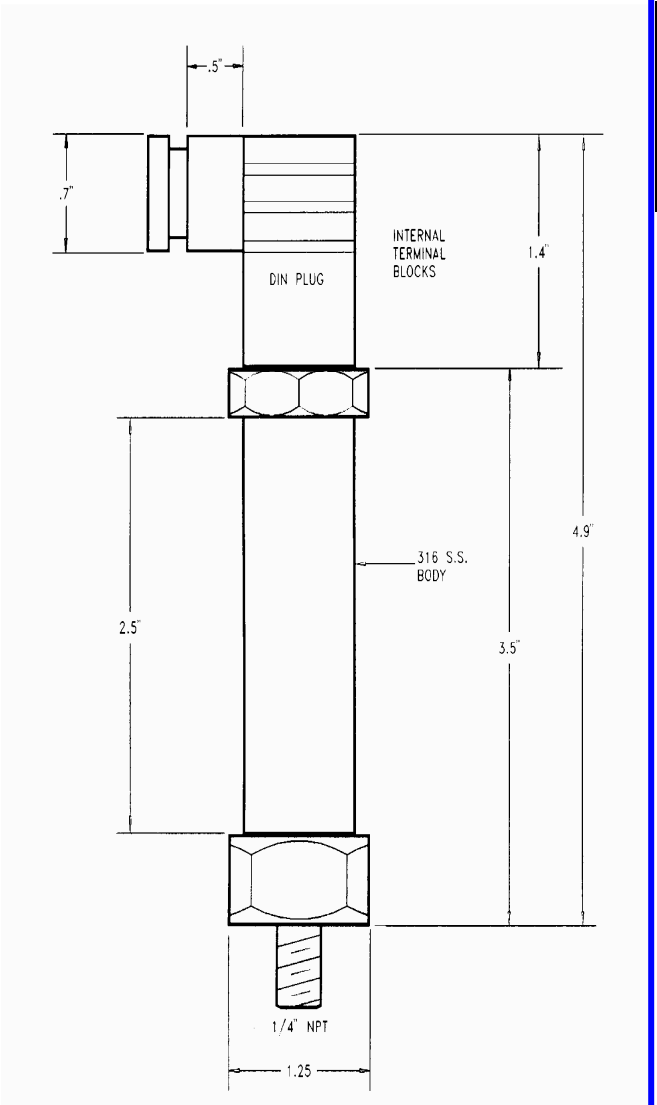
SIGMA 9100PT CURRENT OUTPUT PRESSURE TRANSMITTER

SPECIFICATIONS

Pressure Ranges PSIG	5, 10, 15, 30, 50, 100, 150, 300
Thermal Limits	Maximum Operating
Storage	-40°C to 120°C
Compensated Temperature Range	-30°C to 80°C
Thermal Error	Zero: 0.03% FS/°C Span: 0.03% FS/°C
Accuracy	= ± 0.25% Typical
Input	15 - 30 VDC Terminate: 1+ and 2-
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
A = Range:	005, 010, 015, 030, 050, 100, 150, 300 PSI
B = Input	15 – 30 VDC
C = Output	4/20MA
D = Options	Transient Suppressor (TVSS)

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