

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

Electrical Connection:  
Integral compression screw  
Terminal block/DIN plug

Thermal Limits  
Maximum Operating:

Accuracy:  
± 0.25% Typical

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

Storage: -40° to 120°C

Input: 15-30 VDC

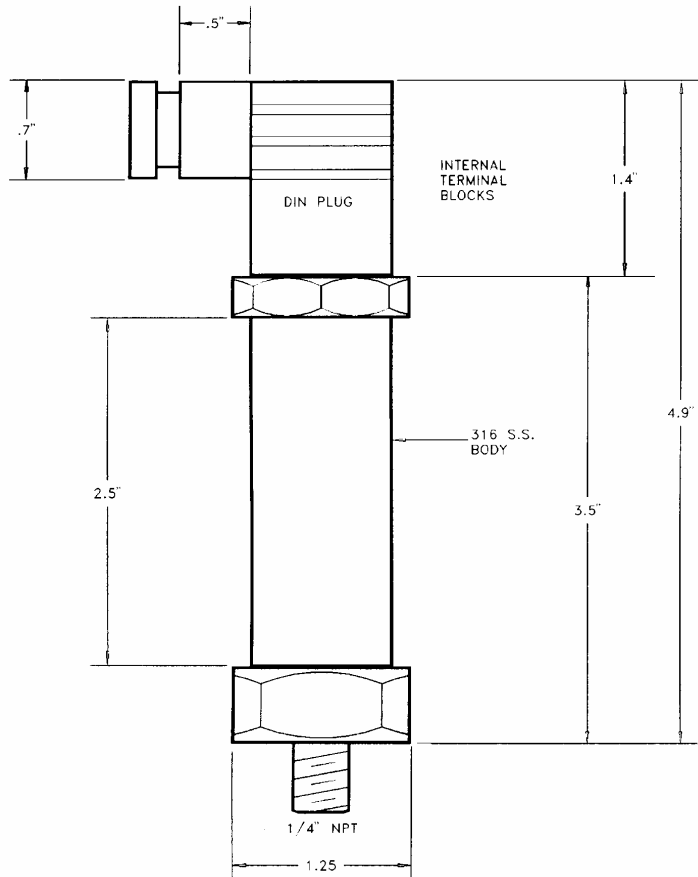
Materials of Construction:  
316SS body, Viton 'O' Ring,  
316SS Diaphragm, 316SS Body

Compensated: Temp Range:  
-30° to 80°C

Output: 4/20MA

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](http://SIGMACONTROLS.COM)