

Dwyer

SERIES 682

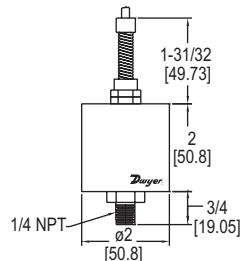
INDUSTRIAL PRESSURE TRANSMITTER

±0.13% FS Accuracy, External Adjustments, 4 to 20 mA Output



Altre scale:

- 682-0 0-25psi
- 682-5 0-1000psi
- 686-6 0-3000psi
- 686-7 0-5000psi
- 686-8 0-10000psi



The **SERIES 682** Industrial Pressure Transmitter is designed to withstand environmental effects such as shock, vibration, temperature, and EMI/RFI. The electronics and capacitive sensor are packaged in a welded stainless steel housing and meets NEMA 4 (IP65) protection ratings.

FEATURES/BENEFITS

- Weather-proof welded housing provides device protection for outdoor use or harsh environment operation
- Not affected by environmental effects such as temperature, shock, vibration, and EMI/RFI provides reliable switching for equipment
- External span and zero adjustments reduce installation and service time

APPLICATIONS

- Off-road equipment
- Compressor control
- Industrial refrigeration
- Hydraulic systems
- Industrial engines

MODEL CHART					
Model*	Range	Overpressure	Model*	Range	Overpressure
682-1	0 to 50 psi	150 psi	682-3	0 to 250 psi	500 psi
682-2	0 to 100 psi	300 psi	682-4	0 to 500 psi	1000 psi

*Units calibrated in bar also available. Consult factory.

SPECIFICATIONS

Service: Compatible liquids and gases.
Wetted Parts: 17-4 PH SS.
Accuracy: ± 0.13% FS (includes non-linearity, hysteresis and non-repeatability).
Temperature Limits: -40 to 260°F (-40 to 125°C) 10 to 90% RH, non-condensing.
Pressure Limit: See table.
Compensated Temperature Range: -4 to 176°F (-20 to 80°C).
Thermal Effect: Zero shift: 1.0% FS/100°F span shift: ±1.5% FS/100°F.

Power Requirements: 9 to 30 VDC.
Output Signal: 4 to 20 mA, 2-wire.
Zero and Span Adjustment: ± 0.5 mA, non-interactive.
Response Time: 5 ms.
Loop Resistance: 800 Ω.
Electrical Connections: 2 ft (51 cm) multiconductor cable.
Process Connection: 1/4" male NPT.
Weight: 8 oz (227 g).
Shock: 200 g operating.
Vibration: 20 g 50-2000 Hz.

OPTIONS

Use order code:	Description
NISTCAL-PT1	NIST traceable calibration certificate