



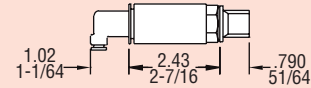
Series
683

Industrial Pressure Transducer

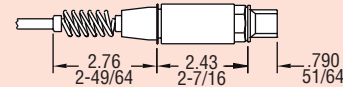
±.25% Accuracy, 17-4 PH SS Wetted Parts, 4-20 mA or 5V Output



Pressure



4 PIN DIN ELECTRICAL CONNECTION



CABLE ELECTRICAL CONNECTION

Designed for high repeatability and long term stability, the Series 683 Industrial Pressure Transducer is ideal for production machinery, pumps, compressors and many HVAC applications. The Series 683 is designed with RFI/EMI circuit protection against noise, voltage spikes, and static discharge.

SPECIFICATIONS

Service: Compatible liquids and gases.

Wetted Materials: 17-4 PH SS.

Accuracy: ±0.25% FS.

Stability: ±0.2 % of F.S. for 1-year (non-cumulative).

Temperature Limits: DIN Models: -22 to 260°F (-40 to 125°C); Cable Models: -5 to 180°F (-20 to 80°C).

Pressure Limits: 2 x FS.

Thermal Effect: 1.5% FS.

Power Requirements: 24 VAC.

Output: 4-20 mA DC or 0-5 VDC 2-wire.

Loop Resistance: 850 ohms @24 VDC.

Electrical Connection: DIN Connector or 3 ft cable.

Process Connection: 1/4" male NPT.

Enclosure: NEMA 4 (IP65).

Weight: 1 lb (100 g).

Agency Approvals: CE, UL.

MODELS

Model Number	Range	Electrical Connection	Output	Model Number	Range	Electrical Connection	Output
683-40140	0-15 psi	DIN Connector	4-20 mA	683-10140	0-15 psi	DIN Connector	0-5V
683-40340	0-60 psi	DIN Connector	4-20 mA	683-10340	0-60 psi	DIN Connector	0-5V
683-40540	0-150 psi	DIN Connector	4-20 mA	683-10540	0-150 psi	DIN Connector	0-5V
683-40840	0-500 psi	DIN Connector	4-20 mA	683-10840	0-500 psi	DIN Connector	0-5V
683-41040	0-1000 psi	DIN Connector	4-20 mA	683-11040	0-1000 psi	DIN Connector	0-5V
683-40111	0-15 psi	3 ft (1 m) Cable	4-20 mA	683-10111	0-15 psi	3 ft (1 m) Cable	0-5V
683-40311	0-60 psi	3 ft (1 m) Cable	4-20 mA	683-10311	0-60 psi	3 ft (1 m) Cable	0-5V
683-40511	0-150 psi	3 ft (1 m) Cable	4-20 mA	683-10511	0-150 psi	3 ft (1 m) Cable	0-5V
683-40811	0-500 psi	3 ft (1 m) Cable	4-20 mA	683-10811	0-500 psi	3 ft (1 m) Cable	0-5V
683-41011	0-1000 psi	3 ft (1 m) Cable	4-20 mA	683-11011	0-1000 psi	3 ft (1 m) Cable	0-5V