



Sanitary Pressure Transmitter

No Liquid Fill Diaphragm, Sanitary Clamp Fitting

Models Select Chart

Model	Description
681-02	Sanitary pressure transmitter, range 0-1 psi, 60 psi overpressure, 2" sanitary clamp connection.
681-101	Sanitary pressure transmitter, range 0-300 psi, 1000 psi overpressure, 1-1/2" sanitary clamp connection.
681-12	Sanitary pressure transmitter, range 0-2 psi, 100 psi overpressure, 2" sanitary clamp connection.
681-22	Sanitary pressure transmitter, range 0-5 psi, 150 psi overpressure, 2" sanitary clamp connection.
681-32	Sanitary pressure transmitter, range 0-10 psi, 150 psi overpressure, 2" sanitary clamp connection.
681-42	Sanitary pressure transmitter, range 0-15 psi, 150 psi overpressure, 2" sanitary clamp connection.
681-52	Sanitary pressure transmitter, range 0-30 psi, 150 psi overpressure, 2" sanitary clamp connection.
681-62	Sanitary pressure transmitter, range 0-60 psi, 150 psi overpressure, 2" sanitary clamp connection.
681-72	Sanitary pressure transmitter, range 0-100 psi, 150 psi overpressure, 2" sanitary clamp connection.

Specifications:-	
Service	: Compatible liquids and gases.
Wetted Materials	: 316L Stainless Steel.
Accuracy	: $\pm 0.20\%$ 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 Limits	: See Catalog page.
Compensated Temperature Range	: 20 to 180°F (-7 to 80°C).
Thermal Effect	: Zero and span shift: $\pm 2.0\%$ FS/100°F (% FS/50°C).
Power Requirements	: 9-30 VDC.
Output Signal	: 4-20 mA, 2-wire.
Zero and Span Adjustment	: ± 0.5 mA, non-interactive.

Response Time	:	≤10 ms.
Loop Resistance	:	800 ohms.
Electrical Connections	:	1/2" conduit fitting and strain relief with 15 ft (4.5 m) cable.
Pressure Connection	:	2" or 1-1/2" Sanitary Clamp fitting male NPT.
Clamping Effect	:	Zero and span shift: ±0.15% FS for ranges up to 30 psi; ±0.25% FS for ranges >30 psi.
Weight	:	8 oz (227 g)
Agency Approvals	:	3A, CE.