

Differential Pressure Transmitter



5600 SERIES

- 4 mA to 20 mA output for broad compatibility
- Better than $\pm 0.02\%$ span repeatability
- Piezoresistive technology for excellent long term stability

APPLICATIONS

- Tank level indication
- Marine
 - Tank level, draft monitoring and vessel management
 - Ballast water
 - Fuel oil
 - Fresh water
 - Lube oil
 - Brine
 - Preload
 - Holding

SPECIFICATIONS

Accuracy	0-5 psid trans./control	$\pm 0.34\%$ full scale
	0-10 psid trans./control	$\pm 0.27\%$ full scale
	0-15 psid trans./control	$\pm 0.24\%$ full scale
	0-30 psid trans./control	$\pm 0.22\%$ full scale
	0-50 psid trans./control	$\pm 0.21\%$ full scale
Repeatability	$\pm 0.20\%$ of calibrated span	
Temperature Range	0 °F to 120 °F / -16 °C to 54 °C	
Maximum pressure	300% over-range	
Burst pressure	200 psig	
DP Purge control	Unit incorporates differential air flow regulator with flow control orifice Fixed differential set to nominal 10 psid Output is 1:1 pneumatic pressure (hydrostatic force equivalent) Includes an integral differential pressure (D/P) transmitter converting pneumatic pressure into 4 mA _{dc} to 20 mA _{dc} electronic output. Ranges available: 0 psid to 5 psid, 0 psid to 10 psid to 30 psid, 0 psid to 50 psid	
Flow rate (air purge)	Nominal 1 cfh (cubic feet per hour) at specified differential Maximum air consumption under 5 cfh.	
Materials	Machined brass body with acrylic semi-gloss enamel finish; integral filter element is aluminum with acrylic semi-gloss enamel finish	
SafeGard option	An adjustable pressure-limiting control that permits pre-setting a maximum value for pressure output from the Purge Control. SafeGard range available as 25 inH ₂ O to 650 inH ₂ O or 650 inH ₂ O to 1750 inH ₂ O	

* Unregulated

ORDERING INFORMATION			
SERIES	5600		
FITTINGS	1 None, 1/4" NPT	3 Polyflo; 1/4" tube 1/4" tube X 1/4" NPT	4 Swagelok 1/4" tube 1/4" tube x 1/4" NPT (compatible with copper or poly tubing)
PRESSURE RANGES	0 0-5 psid / 0-0.3 bar	2 0-15 psid / 0-1.03 bar	4 0-50 psid / 0-3.44 bar
	1 0-10 psid / 0-0.69 bar	3 0-30 psid / 0-2.06 bar	5 0-2 psid / 0-0.14 bar

NOTE: Not rated for explosion hazard areas, includes Hubbell nylon cord connector.

EXAMPLE

Series 5600 Series 5600 - 1 - 2
 Fitting None, 1/4" NPT
 Pressure range 0-15 psid / 0-1.03 bar

