

ORDERING INFORMATION

SERIES		300									
PRESSURE RANGES	0 psig to 15 psig	15	0 psig to 300 psig	300	0 psig to 3000 psig	3000	0 psia to 30 psia	30A			
	0 psig to 30 psig	30	0 psig to 500 psig	500	0 psig to 5000 psig	5000	0 psia to 60 psia	60A			
	0 psig to 60 psig	60	0 psia to 750 psig	750	0 psig to 6000 psig	6000	0 psia to 100 psia	100A			
	0 psig to 100 psig	100	0 psig to 1000 psig	1000	0 psig to 7500 psig	7500	0 psia to 150 psia	150A			
	0 psig to 150 psig	150	0 psig to 1500 psig	1500	0 psig to 10000 psig	10000	0 psia to 200 psia	200A			
	0 psig to 200 psig	200	0 psig to 2000 psig	2000	0 psia to 15 psia	15A	0 psig to 300 psig	300A			
	psig = Gauge Pressure		psia = Absolute Pressure		Other ranges available on special request						
ACCURACY		1 ±0.5 % Full Scale (Best Fit Straight Line)				2 ±0.25 % Full Scale (Best Fit Straight Line)					
OUTPUT SIGNALS		1 4 mA to 20 mA, 2-wire		2 0 Vdc to 5 Vdc, 3-wire		3 1 Vdc to 5 Vdc, 3-wire		5 0 Vdc to 10 Vdc, 3-wire		13 0 Vdc to 4.5 Vdc, 3-wire (ratio metric)	
PROCESS CONNECTIONS		2 1/4 " NPT male		8 1/2 " NPT male		10 G 1/4 B		11 G 1/2 B		45 7/16 " -20 UNF #4 SAE	
ELECTRICAL CONNECTIONS		1 36 " cable (connected to option 8)				8 Hirschmann (DIN EN 175301-803 Form A)				36 6 ft Integral Cable	
		7 Mini-Hirschmann (DIN EN 175301-803 Form C)				25 M12 x 1 4-pin					
OPTIONS		ORF Threaded Orifice (.3mm)									

SPECIFICATIONS

Output signals	4 mA to 20 mA, 2-wire; 0 Vdc to 5 Vdc, 3-wire; 1 Vdc to 5 Vdc, 3-wire; 0 Vdc to 10 Vdc, 3-wire; 0.5 Vdc to 4.5 Vdc ratiometric, 3-wire
Pressure ranges	Standard gauge ranges from 0 psig to 15 psig; through psig to 10,000 psig Standard absolute ranges 15 psia through 300 psia
Proof Pressure	2 times Full Scale
Burst Pressure	6 times Full Scale
Accuracy	±0.5 % Full Scale (Best Fit Straight Line); ±1.0% Terminal Point; ±0.25 % optional (Includes the combined effects of linearity, hysteresis and repeatability)
Repeatability	≤ ±0.05 % Full Scale
Hysteresis	≤ ±0.1 % Full Scale
Stability	≤ ±0.2 % Full Scale per year, non-accumulating
Response time	≤ 4 ms (between 10 % and 90 % Full Scale)
Power supply	8 Vdc to 30 Vdc unregulated for 4 mA to 20 mA output, 0 Vdc to 5 Vdc output and 1 Vdc to 5 Vdc outputs; 5 Vdc ±10% for 0.5 Vdc to 4.5 Vdc output, unregulated
Load limitations	≤ (VPower -10)/0.020 Amp for 4 mA to 20 mA output ≤ 5,000 Ω for 1 Vdc to 5 Vdc output ≤ 10,000 Ω for 0 Vdc to 10 Vdc output ≤ 4,500 Ω for 0.5 Vdc to 4.5 Vdc output
Wetted materials	316 stainless steel for absolute through 150psi 13-8PH stainless steel sensing diaphragm and 316 stainless steel process connection for higher ranges
Housing material	316L stainless steel
Pressure cycle limit	150 Hz
Durability	> 100,000,000 Full Scale cycles
Temperature ranges	Compensated 32 °F to 176 °F (0 °C to 80 °C) Storage -4°F to 176°F (0°C to 80°C) Media 32°F to 176°F (0°C to 80°C) Ambient 32°F to 176°F (0°C to 80°C)
Environmental rating	IP65 to IP67 depending on electrical connection
Electromagnetic rating	CE compliant to EMC norm EN61326: 1997/A1: 1998 RFI, EMI and ESD protection
Electrical protection	Reverse polarity, over-voltage and short circuit protection
Shock	500 g's per IEC 68-2-27
Vibration	10 g's per IEC 68-2-6
Weight	Approximately 2.8 oz.