

Specifications										
Pressure Range	750 PSI	1,000 PSI	1,500 PSI	2,000 PSI	3,000 PSI	4,000 PSI	5,000 PSI	6,000 PSI	7,500 PSI	8,000 PSI
Maximum Pressure	1,740 PSI	1,740 PSI	2,900 PSI	2,900 PSI	7,250 PSI	7,250 PSI	11,600 PSI	11,600 PSI	17,400 PSI	17,400 PSI
Burst Pressure	7,970 PSI	7,970 PSI	11,600 PSI	11,600 PSI	17,400 PSI	17,400 PSI	24,650 PSI	24,650 PSI	34,800 PSI	34,800 PSI
*Pressure applied up to the maximum rating will cause no permanent change in specifications but may lead to zero and span shifts. **Exceeding the burst pressure may result in destruction of the transmitter and possible loss of media										
Materials										
Wetted Parts	Stainless Steel									
Case	Fiberglass-reinforced polybutylene terephthalate (PBT)									
Power Supply U_B			Signal Output			Power Supply U_B		Maximum Load R_A		
Signal Output and Maximum Load R_A			4-20mA, 2-wire			10-36 DC V		R _A ≤ (U _B -10V) / 0.02A with R _A in Ohm and U _B in Volt		
			1-5V, 3 wire			8-36 DCV		R _A > 2.5kOhm		
			0-10V, 3-wire			14-36 DCV		R _A > 5kOhm		
			0.5-4.5V, ratiometric			5±0.5 DCV		R _A > 4.5 kOhm		
			Others on request							
Response Time (10-90%)	ms		≤2							
Isolation Voltage	DCV		500							
Accuracy	% of span		≤0.5 (BFSL)							
	% of span		≤1.0 (limit point calibration) (Includes linearity, hysteresis, and repeatability)							
Repeatability	% of span		≤0.2							
One Year Stability	% of span		≤0.3 (at reference conditions)							
Permissible Temperature of:										
Media*			-40....+257°F			-40....+125°C				
Ambient*			-40....+212°F			-40....+100°C				
Storage*			-40....+248°F			-40....+120°C				
	(*) Also complies with EN 50178, Tab. 7, Operation (C) 4K4H, Storage (D) 1K4, Transport (E) 2K3									
Compensated Temperature Range			+32....+176°F			0....+80°C				
Temperature Coefficients (TC) within Compensated Temperature Range:										
Mean TC of Zero	% of span		≤0.15 / 10K (special pressure ranges may have increased zero TC)							
Mean TC of Range	% of span		≤0.15 / 10K							
CE Conformity	89/336/EWG interference emission and immunity see EN 61 326 interference emission limit class A and B. 97/23/EG pressure equipment directive.									
Shock Resistance	G		500 according to IEC 60068-2-27 (mechanical shock)							
Vibration Resistance	G		20 according to IEC 60068-2-6 (vibration under resonance)							
Wiring Protection	Protected against short circuiting signal+ to UB- / OV									
	Protected against reverse polarity except ratiometric output signals									
Weight	OZ		Approximately 2.1							

Dimensional Data

Type	A	B	Threads
N4	(0.76) 19.2mm	(0.71) 18.0mm	1/4" NPT
U4	(0.69) 17.6mm	(0.36) 9.14mm	#4 SAE, 7/16-20 UNF-2A
B4	(0.80) 20.2mm	(0.47) 12.0mm	1/4" BSP