




Product Specifications – Transducers

	Explosion Proof Transducers		Pressure Transmitters
	I/P Converters		P/I Converters
			
	TXI7800	TXI7850	T8000
Flow capacity - SCFM (m³/hr) @ Supply Pressure of 120 psig (800 kPa)	9 (15.3)	9 (15.3)	–
Exhaust Capacity - SCFM (m³/hr) Downstream pressure 5 psig (35 kPa) above 9 psig (62 kPa) set point	2 (3.4)	2 (3.4)	–
Output Pressure Ranges - psig (kPa)	3-15 (20-100) 3-27 (20-180) 6-30 (40-200) 0-30 (0-200) 0-60 (0-400) 0-120 (0-800)	3-15 (20-100) 3-27 (20-180) 6-30 (40-200) 0-30 (0-200) 0-60 (0-400) 0-120 (0-800)	–
Input Pressure Range - psig (kPa)	–	–	0-5 (0-35) 3-15 (20-100) 3-27 (20-180) 6-30 (40-200) 0-30 (0-200) 0-60 (0-400) 1-120 (0-800)
Maximum Air Consumption - SCFH (m³/hr)	5.0 to 15.0 (0.14 to 0.42) Varies with model	5.0 to 15.0 (0.14 to 0.42) Varies with model	–
Accuracy (% F.S.)	±0.15% (Typical)	±0.15% (Typical)	± 0.15% Independent Linearity
Repeatability (% F.S.)	< 0.1%	< 0.1%	< 0.1%
Supply Pressure	20-150 (140-1000)	20-150 (140-1000)	–
Supply Voltage	Signal Powered	Signal Powered	12-50 VDC for 4-20 mA or 12-30 VDC for 10-50 mA
Input Signal	4-20 mA	4-20 mA	–
Output Signal	–	–	4-20 mA 10-50 mA
Agency Approvals	F, C, E, CE	F, C, CE	F, CE
Dimensions (Approx.) - Inches (mm)	1½" x 3½" x 3¾" (38 x 79 x 95)	1½" x 3½" x 3¾" (38 x 79 x 95)	1½" x 3½" x 3¾" (38 x 79 x 95)
Port Size (NPT, BSPT)	¼"	¼"	¼"

F = FM, Factory Mutual



CE = CONFORMITÉ EUROPÉENNE



E = ATEX, IECx



C = CSA, Canadian Standards

