

Taber Industries Program Transducers

Description	Non Amplified	Amplified			
	P2211	P2911	P4911	P5411	P5911
Pressure Range	0 - 100 PSI and 0 - 20,000PSI	0 - 15PSI and 0 - 15,000PSI	0 - 100PSI and 0 - 15,000PSI	0 - 60PSI and 0 - 10,000PSI	
Standard Proof Pressure	Minimum 1.5 time pressure range				
Standard Burst Pressure	Minimum 2.5 time pressure range				
Transducer Body Length	≤3.5 inches (88.9mm)	≤3.5 inches (88.9mm)	≤4.5 inches (114.3mm)	≤4.5 inches (114.3mm)	
Transducer Body Diameter	1.00 inches (25.4mm)	1.00 inches (25.4mm)	1.06 inches (26.92mm)	1.21 inches (30.73mm)	1.59 inches (40.39mm)
Transducer Total Weight	≤ 115 grams (4.1oz)	≤ 255 grams (9oz)	≤ 255 grams (9oz)	≤ 400 grams (14oz)	≤ 900 grams (32oz)
Compensated Temp Range	-30 to +170°F (-30 to +76°C)	-30 to +170°F (-30 to +76°C)			
Output Signal	30mVDC	0-5VDC, 0-10VDC or 4-20mA			0 - 5VDC
Excitation Voltage	0 - 10VDC	22-36 VDC (28VDC Nominal)			
EEE Selection	NASA Level 1 Passive Components	Commercial Aerospace Components, MIL-STD-883 Qualified Parts, and additional testing	Class S, NASA Level 1	Class S and Class T, NASA Level 1 with additional testing	
EMI Filtering	N/A	External Bulkhead filtering by request only	External Bulkhead filtering by request only	External Bulkhead Design with Feed Through Filters	
Total Error Band	≤ 1.0% FSO	≤1.0% FSO over CTR	≤1.00% FSO over CTR	≤0.5% FSO over CTR	