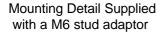
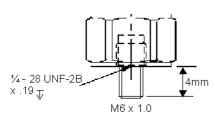
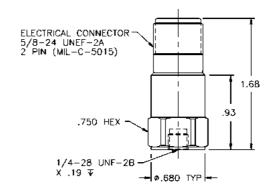
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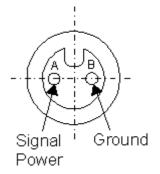








Sensitivity (±15%) 100 mV/g (10.2 mV/(m/s²)) Measurement Range ±50 g (±490 m/s²) Frequency Range: (±5%) 72 – 420k cpm (1.2 – 7000 Hz) (±10%) 52 – 480k cpm (0.43 – 13k Hz) Mounted Resonant Frequency 1680k cpm (28k Hz) Amplitude Linearity ±1% Transverse Sensitivity ≤5% Environmental 5,000 g pk (49k m/s² pk) Shock Limit 5,000 g pk (49k m/s² pk) Temperature Range -65 to +250 °F (-54 to +121 °C) Electrical Settling Time Settling Time ≤2.0 sec Discharge Time Constant ≥0.4 sec Excitation Voltage 18 to 28 VDC Excitation Constant Current 2 to 20 mA Output Impedance <150 ohms Output Bias Voltage 8 to 12 VDC Broadband Noise (1 to 10k Hz) 75 μg (75.6 μm/s²) Electrical Case Isolation >10 ⁸ ohms Mechanical Size (hex x height) 11/16 x 1.66 in (17.5 x 42.2 mm) Weight 1.7 oz (48.6 gm) Mounting Thread 1/4-28 UNF-2B (M6 adaptor supplied)	Daniel Da		
Measurement Range ±50 g (±490 m/s²) Frequency Range: (±5%) 72 − 420k cpm (1.2 − 7000 Hz) (±10%) 52 − 480k cpm (0.87 − 8000 Hz) (±3 dB) 26 − 780k cpm (0.43 − 13k Hz) Mounted Resonant Frequency 1680k cpm (28k Hz) Amplitude Linearity ±1% Transverse Sensitivity ≤5% Environmental 5,000 g pk (49k m/s² pk) Shock Limit 5,000 g pk (49k m/s² pk) Temperature Range −65 to +250 °F (-54 to +121 °C) Electrical Settling Time Oischarge Time Constant ≥0.4 sec Excitation Voltage 18 to 28 VDC Excitation Constant Current 2 to 20 mA Output Impedance <150 ohms	Dynamic Performance	100 1// (100 1// /2)	
Frequency Range: (±5%) 72 – 420k cpm (1.2 – 7000 Hz) (±10%) 52 – 480k cpm (0.87 – 8000 Hz) (±3 dB) 26 – 780k cpm (0.43 – 13k Hz) Mounted Resonant Frequency 1680k cpm (28k Hz) Amplitude Linearity ±1% Transverse Sensitivity ≤5% Environmental 5,000 g pk (49k m/s² pk) Shock Limit 5,000 g pk (49k m/s² pk) Temperature Range -65 to +250 °F (-54 to +121 °C) Electrical Settling Time Settling Time ≤2.0 sec Discharge Time Constant ≥0.4 sec Excitation Voltage 18 to 28 VDC Excitation Constant Current 2 to 20 mA Output Impedance <150 ohms	,		
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Temperature Range-65 to +250 °F (-54 to +121 °C)ElectricalSettling Time≤2.0 secDischarge Time Constant≥0.4 secExcitation Voltage18 to 28 VDCExcitation Constant Current2 to 20 mAOutput Impedance<150 ohmsOutput Bias Voltage8 to 12 VDCBroadband Noise (1 to 10k Hz)75 μg (735.6 μm/s²)Electrical Case Isolation>108 ohmsMechanical11/16 x 1.66 in (17.5 x 42.2 mm)Size (hex x height)11/16 x 1.66 in (17.5 x 42.2 mm)Weight1.7 oz (48.6 gm)Mounting Thread1/4-28 UNF-2B (M6 adaptor supplied)Mounting Torque2 to 5 ft-lb (2.7 to 6.8 N-m)Sensing Element / GeometryCeramic/ShearCase MaterialStainless SteelSealing (Welded)Hermetic	Environmental		
ElectricalSettling Time≤2.0 secDischarge Time Constant≥0.4 secExcitation Voltage18 to 28 VDCExcitation Constant Current2 to 20 mAOutput Impedance<150 ohms	Shock Limit	5,000 g pk (49k m/s ² pk)	
Settling Time ≤2.0 sec Discharge Time Constant ≥0.4 sec Excitation Voltage 18 to 28 VDC Excitation Constant Current 2 to 20 mA Output Impedance <150 ohms	Temperature Range	-65 to +250 °F (-54 to +121 °C)	
Discharge Time Constant≥0.4 secExcitation Voltage18 to 28 VDCExcitation Constant Current2 to 20 mAOutput Impedance<150 ohms	Electrical		
Excitation Voltage Excitation Constant Current Output Impedance Output Bias Voltage Broadband Noise (1 to 10k Hz) Electrical Case Isolation Mechanical Size (hex x height) Mounting Thread Mounting Torque Sensing Element / Geometry Case Material Six (Welded) 18 to 28 VDC 2 to 20 mA 2 to 20 mA 2 to 20 mA 2 to 20 mA 8 to 12 VDC 75 µg (735.6 µm/s²) > 10 ⁸ ohms 10 ohms 11/16 x 1.66 in (17.5 x 42.2 mm) 11/16 x 1.66 in (17.5 x 42.2 mm) 1.7 oz (48.6 gm) Mounting Torque Ceramic/Shear Case Material Stainless Steel Hermetic	Settling Time	≤2.0 sec	
Excitation Constant Current Output Impedance Output Bias Voltage Broadband Noise (1 to 10k Hz) Electrical Case Isolation Mechanical Size (hex x height) Mounting Thread Mounting Torque Sensing Element / Geometry Case Material Sealing (Welded) 2 to 20 mA 2 to 20 mA 2 to 20 mA 2 to 20 mA 3 to 20 mA 2 to 20 mA 3 to 20 mA 3 to 20 mA 3 to 20 mA 4 to 20 mA 3 to 20 mA 4 to 20 mA 5 to 20 mA 6 to 20	Discharge Time Constant	≥0.4 sec	
Output Impedance<150 ohmsOutput Bias Voltage8 to 12 VDCBroadband Noise (1 to 10k Hz)75 μg (735.6 μm/s²)Electrical Case Isolation>108 ohmsMechanical11/16 x 1.66 in (17.5 x 42.2 mm)Size (hex x height)1.7 oz (48.6 gm)Mounting Thread1/4-28 UNF-2B (M6 adaptor supplied)Mounting Torque2 to 5 ft-lb (2.7 to 6.8 N-m)Sensing Element / GeometryCeramic/ShearCase MaterialStainless SteelSealing (Welded)Hermetic	Excitation Voltage	18 to 28 VDC	
Output Bias Voltage8 to 12 VDCBroadband Noise (1 to 10k Hz)75 μg (735.6 μm/s²)Electrical Case Isolation>108 ohmsMechanical11/16 x 1.66 in (17.5 x 42.2 mm)Size (hex x height)1.7 oz (48.6 gm)Mounting Thread1/4-28 UNF-2B (M6 adaptor supplied)Mounting Torque2 to 5 ft-lb (2.7 to 6.8 N-m)Sensing Element / GeometryCeramic/ShearCase MaterialStainless SteelSealing (Welded)Hermetic	Excitation Constant Current	2 to 20 mA	
Broadband Noise (1 to 10k Hz) 75 μg (735.6 μm/s²) Electrical Case Isolation >10 ⁸ ohms Mechanical Size (hex x height) 11/16 x 1.66 in (17.5 x 42.2 mm) Weight 1.7 oz (48.6 gm) Mounting Thread 1/4-28 UNF-2B (M6 adaptor supplied) Mounting Torque 2 to 5 ft-lb (2.7 to 6.8 N-m) Sensing Element / Geometry Ceramic/Shear Case Material Stainless Steel Sealing (Welded) Hermetic	Output Impedance	<150 ohms	
Mechanical>108 ohmsSize (hex x height)11/16 x 1.66 in (17.5 x 42.2 mm)Weight1.7 oz (48.6 gm)Mounting Thread1/4-28 UNF-2B (M6 adaptor supplied)Mounting Torque2 to 5 ft-lb (2.7 to 6.8 N-m)Sensing Element / GeometryCeramic/ShearCase MaterialStainless SteelSealing (Welded)Hermetic	Output Bias Voltage	8 to 12 VDC	
Mechanical>108 ohmsSize (hex x height)11/16 x 1.66 in (17.5 x 42.2 mm)Weight1.7 oz (48.6 gm)Mounting Thread1/4-28 UNF-2B (M6 adaptor supplied)Mounting Torque2 to 5 ft-lb (2.7 to 6.8 N-m)Sensing Element / GeometryCeramic/ShearCase MaterialStainless SteelSealing (Welded)Hermetic	Broadband Noise (1 to 10k Hz)	75 μg (735.6 μm/s²)	
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Weight 1.7 oz (48.6 gm) Mounting Thread 1/4-28 UNF-2B (M6 adaptor supplied) Mounting Torque 2 to 5 ft-lb (2.7 to 6.8 N-m) Sensing Element / Geometry Ceramic/Shear Case Material Stainless Steel Sealing (Welded) Hermetic	Mechanical		
Mounting Thread 1/4-28 UNF-2B (M6 adaptor supplied) Mounting Torque 2 to 5 ft-lb (2.7 to 6.8 N-m) Sensing Element / Geometry Case Material Stainless Steel Sealing (Welded) Hermetic	Size (hex x height)	11/16 x 1.66 in (17.5 x 42.2 mm)	
Mounting Torque 2 to 5 ft-lb (2.7 to 6.8 N-m) Sensing Element / Geometry Ceramic/Shear Case Material Stainless Steel Sealing (Welded) Hermetic	Weight	1.7 oz (48.6 gm)	
Sensing Element / Geometry Ceramic/Shear Case Material Stainless Steel Sealing (Welded) Hermetic	Mounting Thread	1/4-28 UNF-2B (M6 adaptor supplied)	
Case Material Stainless Steel Sealing (Welded) Hermetic	Mounting Torque	2 to 5 ft-lb (2.7 to 6.8 N-m)	
Sealing (Welded) Hermetic	Sensing Element / Geometry	Ceramic/Shear	
3(1111)	Case Material	Stainless Steel	
Electrical Connector, 2-pin (top) MIL-C-5015	Sealing (Welded)	Hermetic	
	Electrical Connector, 2-pin (top)	MIL-C-5015	

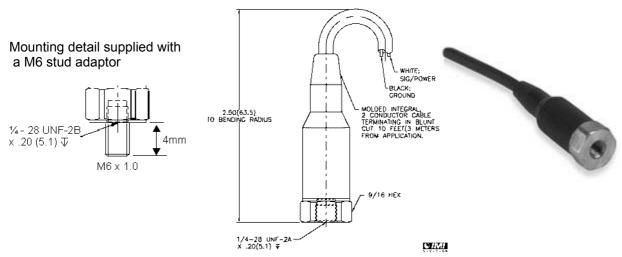


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	A.P. C.S.	ANALOG PROCESS CONTROL SERVICES PTY. LTD.	Fax 02 9555 1055	

A.P. C.S.

INDUSTRIAL ACCELEROMETER PRM608A11



Dynamic Performance		
Sensitivity (±20 %)	100 mV/g (10.2 mV/(m/s²))	
Measurement Range	±50 g (± 490 m/s²)	
Frequency Range (±3 dB)	30 to 600000 cpm (0.5 to 10000 Hz)	
Resonant Frequency	1320 kcpm (22 kHz)	
Broadband Resolution (1 to 10000 Hz)	350 μg (3434 μm/s²)	
Non-Linearity	±1 %	
Transverse Sensitivity	≤7 %	
Environmental		
Overload Limit (Shock)	5000 g pk (49050 m/s² pk)	
Temperature Range	-65 to +250 °F (-54 to +121 °C)	
Enclosure Rating	IP68	
Electrical		
Settling Time (within 1% of bias)	≤2.0 sec	
Discharge Time Constant	≥0.3 sec	
Excitation Voltage	18 to 28 VDC	
Constant Current Excitation	2 to 20 mA	
Output Impedance	<150 ohms	
Output Bias Voltage	8 to 12 VDC	
Spectral Noise (10 Hz)	8 μg/√Hz (78.5 (μm/s²)/√Hz)	
Spectral Noise (100 Hz)	5 μg/√Hz (49.1 (μm/s²)/√Hz)	
Spectral Noise (1 kHz)	4 μg/√Hz (39.2 (μm/s²)/√Hz)	
Electrical Isolation (Case)	>10 ⁸ ohms	
Mechanical		
Size (Hex x Height)	9/16 in x 2.5 in (14 mm x 64 mm)	
Weight (with cable)	3.5 oz (99.3 gm)	
Mounting	Stud	
Mounting Thread	1/4-28 UNF-2B (M6 adaptor supplied)	
Mounting Torque	2 to 5 ft-lb (2.7 to 6.8 N-m)	
Sensing Element	Ceramic	
Sensing Geometry	Shear	
Housing Material	Stainless Steel	
Sealing	Molded	
Electrical Connector	Molded Integral Cable	
Electrical Connection Position	Тор	
Cable Length	10 ft	
Cable Type	Polyurethane	

Order Code Comment

PRM608A11 ACCELEROMETER with 1/4-28 UNF-2B internal thread and M6 adaptor (longer lead time)

PR608A11 ACCELEROMETER with 1/4-28 UNF-2B internal thread

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