
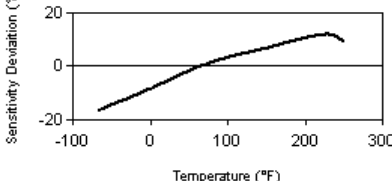


Model Number 607A11	PLATINUM SWIVELER® INDUSTRIAL ICP® ACCELEROMETER		Revision H ECN #: 26068											
Performance Sensitivity (±15 %) Measurement Range Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 100 mV/g ±50 g 30 to 600000 cpm 1500 kcpm 350 µg ±1 % ≤7 %	SI 10.2 mV/(m/s ²) ±490 m/s ² 0.5 to 10000 Hz 25 kHz 3434 µm/sec ² ±1 % ≤7 %	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) EX - Hazardous Area Approval- contact factory for specific approvals Hazardous Area Approval Hazardous Area Approval Hazardous Area Approval Hazardous Area Approval Hazardous Area Approval Hazardous Area Approval											
Environmental Overload Limit (Shock) Temperature Range Enclosure Rating	5000 g pk -65 to +250 °F IP68	49050 m/s ² pk -54 to +121 °C IP68	Exia IIC T4, AExia IIC, T4 EEEx nL IIC T4, -40°C≤Ta≤121°C, II 1 G CI I, Div I, Groups A, B, C, D; CI II, Div I, Groups E, F, G; CI III, Div I CI I, Div I, Groups A, B, C, D; CI II, Div I, Groups E, F, G; CI III, Div I CI I, Div 2, Groups A, B, C, D; ExnL IIC T4, AExnA IIC T4 CI I, Div 2, Groups A, B, C, D; ExnL IIC T4, AExnA IIC T4 EEEx nL IIC T4, -40°C≤Ta≤121°C, II 3 G EEEx nL IIC T4, -40°C≤Ta≤121°C, II 3 G											
Electrical Settling Time (within 1% of bias) Discharge Time Constant Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz) Electrical Isolation (Case)	≤2 sec ≥0.3 sec 18 to 28 VDC 2 to 20 mA <150 Ohm 8 to 12 VDC 8 µg/√Hz 5 µg/√Hz 4 µg/√Hz >10 ⁸ Ohm	≤2 sec ≥0.3 sec 18 to 28 VDC 2 to 20 mA <150 Ohm 8 to 12 VDC 78.5 (µm/sec ² /√Hz) 49.1 (µm/sec ² /√Hz) 39.2 (µm/sec ² /√Hz) >10 ⁸ Ohm	M - Metric Mount Supplied Accessory: Model M080A159 Mounting stud, 1/2-20 to M6x1 (for Models M607A11 and M607A61) replaces Model 080A156 TO - Temperature Output Temperature Output Range Temperature Scale Factor Electrical Connector Electrical Connections (Red) Electrical Connections (Black) Electrical Connections (White)											
Physical Size (Hex x Height) Weight (without cable) Mounting Mounting Thread Mounting Torque (stud) Mounting Torque (hex nut) Sensing Element Sensing Geometry Housing Material Sealing Electrical Connector Electrical Connection Position Cable Length Cable Type	9/16 in x 0.97 in 1.1 oz Stud 1/4-28 Male 7 to 8 ft-lb 2 to 5 ft-lb Ceramic Shear Stainless Steel Welded Hermetic Molded Integral Cable Side 10 ft Polyurethane	14 mm x 24.6 mm 31 gm Stud Not Applicable 9.5 to 10.8 Nm 2.7 to 6.8 Nm Ceramic Shear Stainless Steel Welded Hermetic Molded Integral Cable Side 3.0 m Polyurethane	Temperature Output Range Temperature Scale Factor Electrical Connector Electrical Connections (Red) Electrical Connections (Black) Electrical Connections (White)											
	<p data-bbox="709 1222 995 1240">Typical Sensitivity Deviation vs Temperature</p> 		Notes [1] Typical. [2] Conversion Factor 1g = 9.81 m/s ² . [3] Zero-based, least-squares, straight line method. [4] Measured with mounting stud. [5] 1/4-28 has no equivalent in S.I. units. [6] Stud torque must exceed sensor hex nut torque to ensure proper dismantling. [7] 1/8" hex Allen key required for English version, 4 mm hex Allen key required for Metric version. [8] Twisted shielded pair. [9] See PCB Declaration of Conformance PS023 or PS060 for details. Supplied Accessories 080A156 Mounting Base (1) ICS-2 NIST-traceable single-axis single-point amplitude response calibration at 6000 cpm (100 Hz) (1)											
<table border="1"> <tr> <td>Entered: LLH</td> <td>Engineer: JEC</td> <td>Sales: EGY</td> <td>Approved: NJF</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 03/20/2007</td> <td>Date: 03/21/2007</td> <td>Date: 03/21/2007</td> <td>Date: 03/21/2007</td> <td>12650</td> </tr> </table>		Entered: LLH	Engineer: JEC	Sales: EGY	Approved: NJF	Spec Number:	Date: 03/20/2007	Date: 03/21/2007	Date: 03/21/2007	Date: 03/21/2007	12650			
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All specifications are at room temperature unless otherwise specified.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

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