
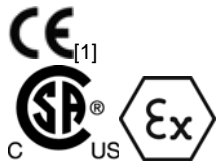


Model Number <b>649A01</b>	<b>RECIPROCATING MACHINERY PROTECTOR (RMP)</b>		Revision A ECN #: 29789										
<b>Performance</b> Output Machinery RPM Range Sampling Time Weighting Factor Peak Coupling Current Range Shock Threshold Limit <b>Environmental</b> Temperature Range Storage Temperature Range <b>Electrical</b> Excitation Voltage Load Resistance Electrical Isolation <b>Physical</b> Size (Hex x Height) Weight Mounting Thread Mounting Torque Sensing Element  Housing Material Sealing Electrical Connector Electrical Connection Position Electrical Connections (Pin A) Electrical Connections (Pin B) Overload Limit (Shock)	<b>ENGLISH</b> 4-20 mA 150 to 4800 cpm 0.2 to 6.4 sec 0.1 to 20 mA 4 to 20 mA 2 to 50 g  -40 to 212 °F -40 to 257 °F  15 to 30 VDC 50(Vs-15) Ohm >10 <sup>8</sup> Ohm  1.25 in x 2.60 in 7 oz 1/4-28 UNF 3 to 5 ft-lb Piezoelectric Accelerometer Stainless Steel Welded Hermetic MIL-C-5015 Top 4-20 mA Pos (+) 4-20 mA Neg (-) 5000 g pk	<b>SI</b> 4-20 mA 2.5 to 80 Hz 0.2 to 6.4 sec 0.1 to 20 mA 4 to 20 mA 2 to 50 g  -40 to 100 °C -40 to 125 °C  15 to 30 VDC 50(Vs-15) Ohm >10 <sup>8</sup> Ohm  32 mm x 66 mm 198 gm 1/4-28 UNF 4 to 7 Nm Piezoelectric Accelerometer Stainless Steel Welded Hermetic MIL-C-5015 Top 4-20 mA Pos (+) 4-20 mA Neg (-) 49050 m/s <sup>2</sup> pk	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) <b>EX</b> - Hazardous Area Approval- contact factory for specific approvals [3] [5] <b>M</b> - Metric Mount Supplied Accessory: Model M081A61 Mounting stud, 1/4-28 to M6 x 1 replaces Model 081A41  <b>Notes</b> [1] See PCB Declaration of Conformance PS039 or PS053 for details. [2] AEx ia IIC T4 [3] AEx nA IIC T4 [4] Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F, and G; Class III, Div. 1 [5] Class I, Div. 2, Groups A, B, C, D [6] Ex ia IIC T4, II IG [7] Ex ia IIC T4. [8] Ex nL IIC T4, II 3 G [9] Ex nL IIC T4.  <b>Supplied Accessories</b> 081A41 Mounting stud 1/4-28 socket head set screw brass tip stainless steel 5/8" long (1)										
<table border="1"> <tr> <td>Entered: BLS</td> <td>Engineer: do</td> <td>Sales: DAC</td> <td>Approved: MRS</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 12/09/2008</td> <td>Date: 12/02/2008</td> <td>Date: 12/02/2008</td> <td>Date: 12/02/2009</td> <td><b>38166</b></td> </tr> </table>				Entered: BLS	Engineer: do	Sales: DAC	Approved: MRS	Spec Number:	Date: 12/09/2008	Date: 12/02/2008	Date: 12/02/2008	Date: 12/02/2009	<b>38166</b>
Entered: BLS	Engineer: do	Sales: DAC	Approved: MRS	Spec Number:									
Date: 12/09/2008	Date: 12/02/2008	Date: 12/02/2008	Date: 12/02/2009	<b>38166</b>									
 <div style="float: right; text-align: right;"> 3425 Walden Avenue  Depew, NY 14043  UNITED STATES  Phone: 716-684-0003  Fax: 716-684-3823  E-mail: imi@pcb.com  Web site: www.imi-sensors.com </div>													



*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.

ICP® is a registered trademark of PCB group, Inc.