


Model Number 1380-02A	STRAIN GAGE LOAD CELL			Revision NR ECN #:										
Performance Measurement Range (Full Scale Capacity) Sensitivity (output at rated capacity) Non-Linearity Hysteresis Non-Repeatability	ENGLISH 1000 lb 2 mV/V ≤0.25 % FS ≤0.25 % FS ≤0.15 % FS	SI 4.448 kN 2 mV/V ≤0.25 % FS ≤0.25 % FS ≤0.15 % FS	[1] [1][4] [4] [4] [4]	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)										
Environmental Overload Limit Temperature Range (Operating) Temperature Range (Compensated) Temperature Effect on Output (Maximum) Temperature Effect on Zero Balance (Maximum)	1500 lb 0 to +200 °F +70 to +150 °F ±0.01 %Reading/°F ±0.01 %FS/°F	6672 N -18 to +93 °C +21 to +66 °C ±0.018 %Reading/°C ±0.018 %FS/°C	[3] [4]	Notes [1] Nominal. [2] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS. [3] Over compensated operating temperature range. [4] FS - Full Scale.										
Electrical Bridge Resistance Output Polarity (Tension) Excitation Voltage (Recommended)	350 ohm Positive 10 VDC	350 ohm Positive 10 VDC	[1] [2]											
Physical Size (Diameter x Height) Mounting Thread Mounting Thread Sensing Element Electrical Connector Electrical Connection Position	1.50 in x 4.25 in 3/4 - 16 Male 3/4 - 16 Female Strain Gage PT02E-10-6P Side	38.1 mm x 107.9 mm No Metric Equivalent No Metric Equivalent Strain Gage PT02E-10-6P Side												
<i>All specifications are at room temperature unless otherwise specified.</i> 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.														
<table border="1"> <tr> <td>Entered: BLS</td> <td>Engineer: JSD</td> <td>Sales: JC</td> <td>Approved: GLB</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 03/27/2010</td> <td>Date: 03/27/2010</td> <td>Date: 03/27/2010</td> <td>Date: 03/27/2010</td> <td>45842</td> </tr> </table>					Entered: BLS	Engineer: JSD	Sales: JC	Approved: GLB	Spec Number:	Date: 03/27/2010	Date: 03/27/2010	Date: 03/27/2010	Date: 03/27/2010	45842
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