


Model Number 1515-110-03A		LOAD CELL, PEDAL FORCE			Revision: A ECN #: 43354											
Performance		<u>ENGLISH</u>	<u>SI</u>		OPTIONAL VERSIONS											
Measurement Range(Full Scale Capacity)	300 lbf	1334 N			Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.											
Sensitivity(output at rated capacity)	2.00 mV/V	2.00 mV/V	[1][4]													
Non-Linearity	≤ 0.20 % FS	≤ 0.20 % FS	[4]													
Hysteresis	≤ 0.30 % FS	≤ 0.30 % FS	[4]													
Non-Repeatability	≤ 0.05 % FS	≤ 0.05 % FS	[4]													
Environmental					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.											
Overload Limit	600 lbf	2668 N														
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °C														
Temperature Range(Compensated)	+70 to +170 °F	+21 to +76 °C														
Temperature Effect on Output(Maximum)	± 0.002 %Reading/°F	± 0.0036 %Reading/°C	[3]													
Temperature Effect on Zero Balance(Maximum)	± 0.002 %FS/°F	± 0.0036 %FS/°C	[4]													
Electrical					SUPPLIED ACCESSORIES: Model 100-10148-60 Hose Clamp (2) Model 100-10192-90 Nylon Velcro Strap - 12" Long Red (2) Model 52110-001200 Rubber Pads - Round Top (25) Model 52110-003500 Rubber Pads - Square Top (25)											
Bridge Resistance	700 Ohm	700 Ohm	[1]													
Excitation Voltage(Permitted)	10 VDC	10 VDC	[2]													
Insulation Resistance	5 GOhm	5 GOhm														
Zero Balance	≤ 5 %RO	≤ 5 %RO														
Physical					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Entered: AP</td> <td>Engineer: JM</td> <td>Sales: KWW</td> <td>Approved: JSD</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 10/7/2014</td> <td>Date: 10/7/2014</td> <td>Date: 10/7/2014</td> <td>Date: 10/7/2014</td> <td style="text-align: center;">46018</td> </tr> </table>		Entered: AP	Engineer: JM	Sales: KWW	Approved: JSD	Spec Number:	Date: 10/7/2014	Date: 10/7/2014	Date: 10/7/2014	Date: 10/7/2014	46018
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Size (Length x Height x Width)	5.00 in x 0.84 in x 3.24 in	127.0 mm x 21.4 mm x 82.3 mm														
Weight	1.25 lb	0.57 kg														
Mounting	Straps or Hose Clamps	Straps or Hose Clamps														
Housing Material	Plated Steel	Plated Steel														
Sensing Element	Strain Gage	Strain Gage														
Electrical Connector	pigtail ends	pigtail ends														
Electrical Connection Position	Side	Side														
<i>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.</i>																
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