

Model Number 1515-110-05A		LOAD CELL, PEDAL FORCE			Revision: A ECN #: 43354	
Performance		<u>ENGLISH</u>	<u>SI</u>		OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Measurement Range(Full Scale Capacity)	500 lbf	2224 N				
Sensitivity(output at rated capacity)	3.30 mV/V	3.30 mV/V	[1][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.	
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					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)	
Overload Limit	750 lbf	3336 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]		ENTERED: 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 52422	
Temperature Effect on Zero Balance(Maximum)	± 0.002 %FS/°F	± 0.0036 %FS/°C	[4]			
Electrical					PCB Load & Torque, Inc. 24350 Indoplex Circle Farmington Hills, MI 48335 UNITED STATES Phone: 866-684-7107 Fax: 716-684-0987 E-Mail: ltinfo@pcbloadtorque.com Web site: http://www.pcbloadtorque.com	
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	
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				
<p><i>All specifications are at room temperature unless otherwise specified.</i> <i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i></p>						



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