

	ENGLISH	SI	
Performance			
Measurement Range	15 lbf	66.7 N	[1]
Sensitivity(10 %)	1.35 mV/V	1.35 mV/V	[2]
Non-Linearity	≤ 0.10 % FS	≤ 0.10 % FS	
Hysteresis	≤ 0.10 % FS	≤ 0.10 % FS	
Non-Repeatability	≤ 0.02 %RO	≤ 0.02 %RO	
Environmental			
Overload Limit	23 lbf	100 N	
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °C	
Temperature Range(Compensated)	+70 to +170 °F	+21 to +77 °C	
Temperature Effect on Output(Maximum)	± 0.002 %Reading/°F	± 0.0036 %Reading/°C	[3]
Temperature Effect on Zero	± 0.001 %FS/°F	± 0.0018 %FS/°C	[3]
Balance(Maximum)			
Electrical			
Bridge Resistance	2,000 Ohm	2,000 Ohm	[4]
Excitation Voltage(Recommended)	10 VDC	10 VDC	[5]
Insulation Resistance	> 5x10 ¹⁰ Ohm	> 5x10 ¹⁰ Ohm	
Zero Balance	≤ 1 % FS	≤ 1 % FS	
Output Polarity	Positive	Positive	
Physical			
Size (Height x Diameter)	1.25 in x 1.50 in	31.75 mm x 38.1 mm	[6]
Weight	0.30 lb	0.13 kg	
Mounting Thread	#4-40 Female	No Metric Equivalent	
Housing Material	Aluminum	Aluminum	
Sensing Element	Strain Gage	Strain Gage	
Deflection at Full Scale Capacity	0.004 in	0.12 mm	
Electrical Connector	pigtail ends	pigtail ends	
Electrical Connection Position	Bottom	Bottom	

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.

NOTES:

[1]FS - Full Scale.
 [2]RO - Rated Output.
 [3]Over compensated operating temperature range.
 [4]Nominal.
 [5]Calibrated at 10 VDC, usable 3 to 20 VDC or VAC RMS.
 [6]See Outline Drawing 74950 for Complete Dimensions

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Entered: ND	Engineer: PE	Sales: KWW	Approved: JM	Spec Number:
Date: 02/15/2023	Date: 02/15/2023	Date: 02/15/2023	Date: 02/15/2023	76647

All specifications are at room temperature unless otherwise specified.
 This specification requires customer approval prior to any changes.

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