

RELC-T ROD END LOAD CELL

FEATURES

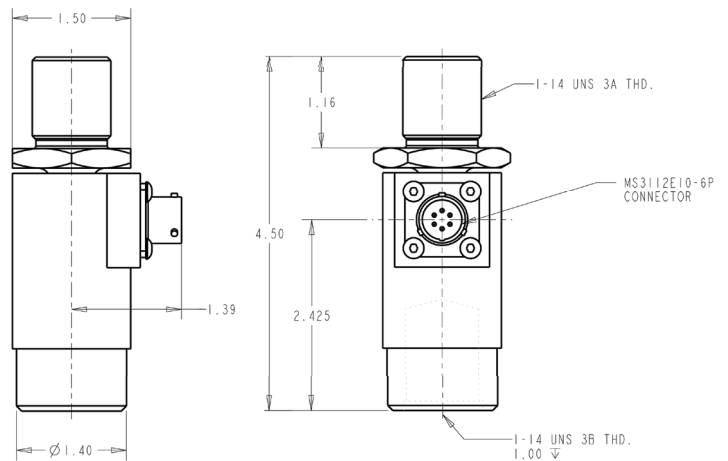
- Designed to attach directly on Hydraulic Cylinders
- High Capacity vs. Size
- Low Deflection
- Stable and Accurate
- Proprietary Modulus Compensated Strain Gages



SPECIFICATIONS

Model	RELC-T	
Capacity	U.S. lbf.	5K, 10K, 15K, 20K, 25K
PARAMETERS		
ACCURACY		
Static Error Band, % Rated Output		+/-0.250
Nonlinearity, % Rated Output		+/-0.250
Hysteresis, % Rated Output		+/-0.150
Nonrepeatability, % Rated Output		+/-0.050
Zero Balance, % Rated Output		+/-1.0
TEMPERATURE		
Range, Compensated, °F		+70 to +170
Range, Compensated, °C		+21 to +77
Range, Operating, °F		-65 to +200
Range, Operating, °C		-55 to +90
Effect on Sensitivity, % Rdg/ °F		+/-0.0020
Effect on Sensitivity, % Rdg/ °C		+/-0.0036
Effect on Zero, % Rated Output/ °F		+/-0.0020
Effect on Zero, % Rated Output/ °C		+/-0.0036
ELECTRICAL		
Rated Output, mV/V, Nominal		2
Excitation Voltage, VDC Recommended/Max		10/15
Input Resistance, Ohms		350
Output Resistance, Ohms		350
Insulation Resistance, Megohm		5000
Bayonet Connector		PT02E-10-6P (MS3112E-10-6P)
MECHANICAL		
Safe Overload Range, % Rated Capacity		+/- 150
Weight lb		1.2
Flexure Material		Stainless Steel

DIMENSIONS



OPTIONS

- Additional bridges
- Output adjustment to standard
- Integral cable
- Custom connectors

ACCESSORIES

- Mating connector
- Loading fixtures
- Interconnect cable
- Shunt calibration resistor
- Instrumentation

Load Cell Central follows a policy of continuous improvement and reserves the right to change specifications without notice. © 2016

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