

Polished Rod Load Cell Model XLDR



Polished Rod Load Cell 11/2018

Applications

- Pump-off Control

Special features

- 2 mV/V Output
- $\pm 0.50\%$ Accuracy (Combined)
- 50,000,000 Cycle Fatigue Life
- 0-30,000 and 0-50,000 lb. Ranges
- Industry-Standard Footprint



Polished Rod Load Cell, Model XLDR

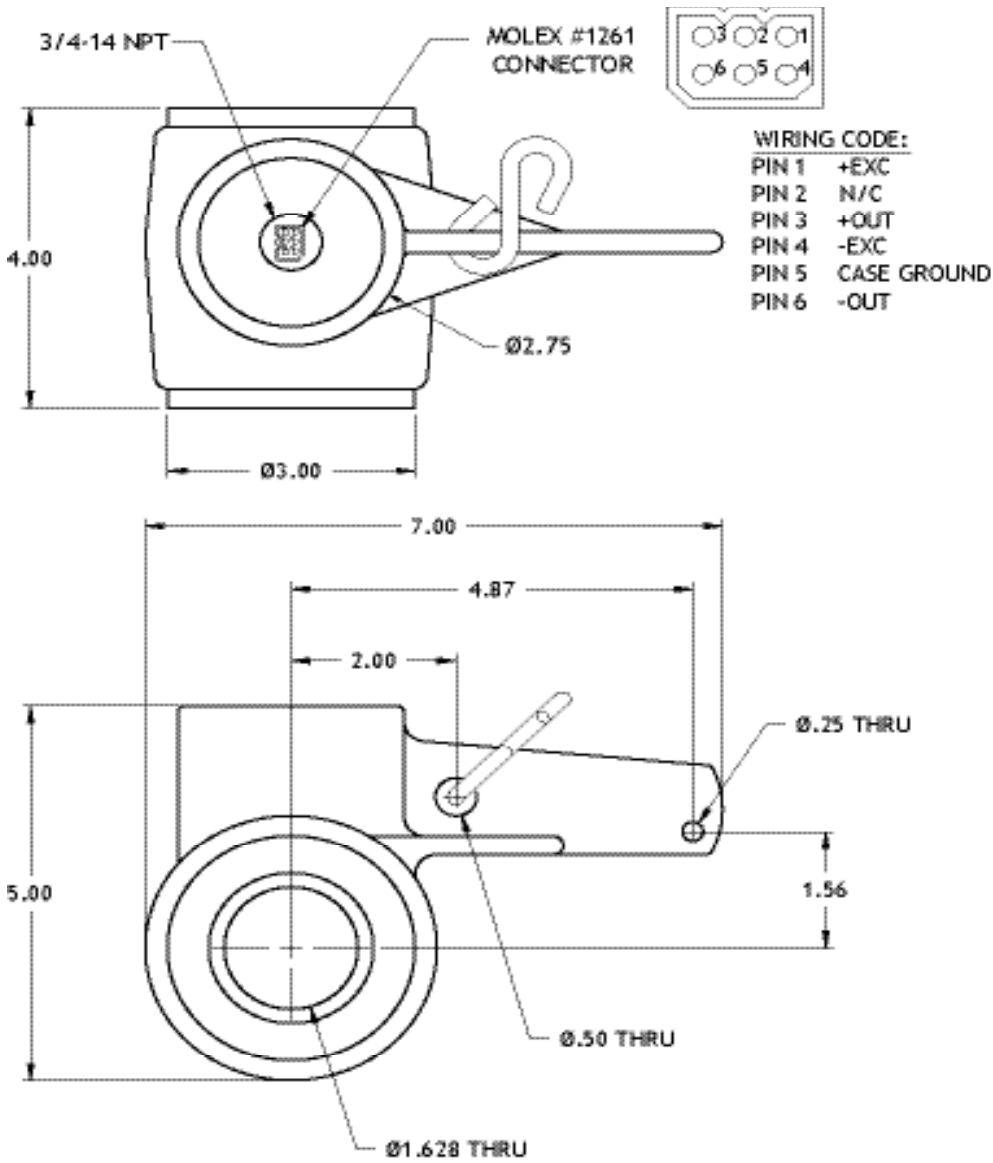
Description

Application-engineered compression load cell to monitor the polished rod forces of oilfield pump-off control systems. Model XLDR is fatigue rated to 50,000,000 cycles and available in ranges from 30,000 to 50,000 lbs. Engineered for rugged outdoor use with hermetic construction and shock and vibrations protection. The sturdy steel body resists off-axis loading and is available in the industry-standard mounting configuration to be easily incorporated into new or existing pump-off control applications.

Performance Specifications

Model XLDR	
Standard Ranges (psi)	0-30,000 to 0-50,000 lbs.
Excitation	5-15 Vdc
Output.	2 mV/V (Nominal)
Bridge Resistance	700 Ohms (Nominal)
Insulation Resistance	1 Megaohm
Linearity/Hysteresis/Repeatability	±0.50% FSO (Combined)
Operating Temperature Range	-40° to +175°F (-40 to +80°C)
Compensated Temperature Range	0° to +150°F (-18 to +65°C)
Thermal Effects:	
Zero	±0.05% FSO/°F
Span	±0.02% Reading/°F
Safe Overload	200% of Capacity
Fatigue Life (Cycles)	50,000,000
Calibration (Standard)	Compression
Standard Connector (Alternative connectors are available)	MOLEX #1261 or Equivalent
Wiring Code	
Pin 1	+ EXC.
Pin 2	N/C
Pin 3	+ OUT
Pin 4	- EXC.
Pin 5	CASE GROUND
Pin 6	- OUT
■ FSO = Full Scale Output	

Dimensions in inches



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 We reserve the right to make modifications to the specifications and materials.



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