

Stellar Technology

Oil Well Polished Rod Load Cell For Sucker Rod Pumping Applications

Product Highlights



Stellar Technology's Series CTH932 Pump Off Control (POC) Load Cell was developed to improve the overall reliability of instrumented sucker-rod pumping systems in the oilfield. It was designed specifically for measuring down-hole rod string loads in production wells. STI's POC load cell incorporates many design features not included in other units.

Features and Benefits

- Oil field proven
- Stainless steel construction for improved corrosion protection
- All welded hermetic design for environmental protection
- Manufactured to be shock and vibration resistant
- Voltage protection circuit to protect against lightning and/or power line surges
- Immune to off-axis loading
- Safe overload of 200% of rated full-scale capacity
- Unique cable exit design reduces cable fatiguing
- Easy installation since no special spacers or hardware is required
- Designed for extended cycle life which increases reliability in the field (50,000,000)
- Special cable strain relief reduces cable failures
- 4-20 mA intrinsically safe versions available
- Customer specified cable/connection orientations available
- Improved static accuracy of 0.25%
- Extended operating temperature range of -65F to +250F
- Ranges from 20,000 lbf to 80,000 lbf

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