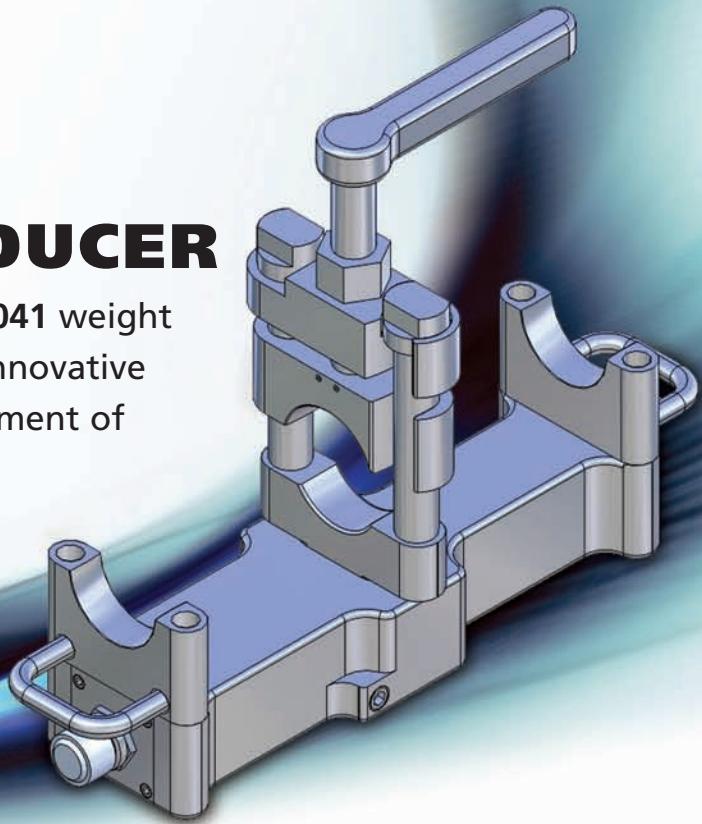




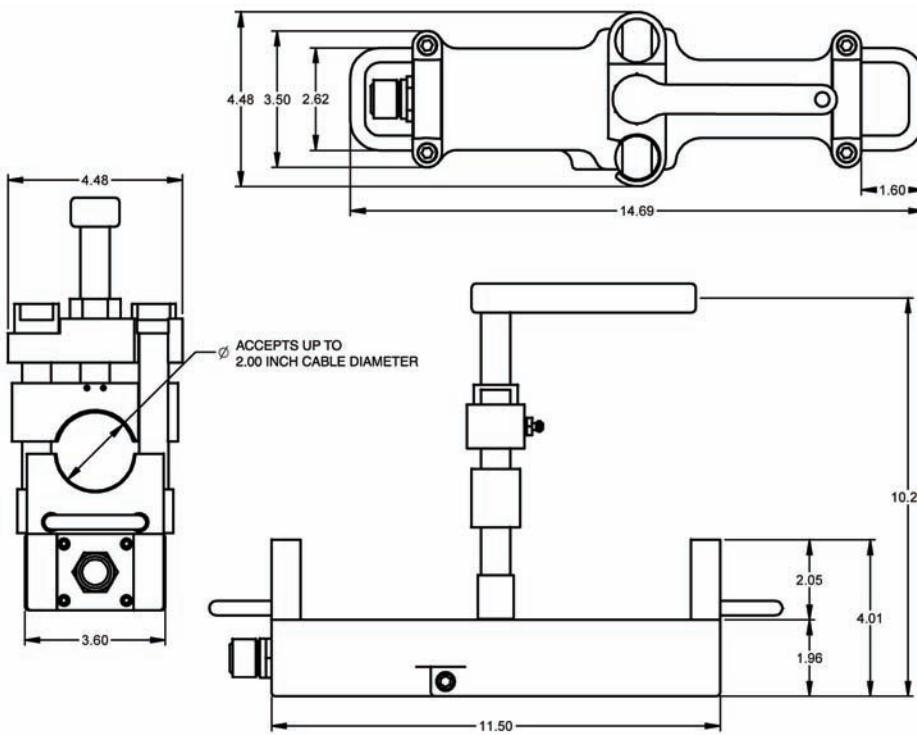
## HOOKLOAD TRANSDUCER

**Reduce downtime!** The all stainless steel **HLT-041** weight sensor is the most robust in the oil field. It's innovative design allows for quick and easy field replacement of the sensing element.

*Currently in use by major oil services companies.*



- 4-20 mA standard output transducer
- Stainless steel housing
- Customer specified connector (Amphenol™, Brad Harrison™, Turck™, etc.)
- Field replaceable load sensing electronics package using standard tools
- Light weight design for safe lifting and installation (approximately 25 lbs)



### MECHANICAL

Material: Stainless steel housing  
Weight: 25 lb typical  
Length: Approximately 14"  
Maintenance: Field replaceable electronics  
Connector: Customer specified (Glenair™, Amphenol™, Turck™ etc.)  
Weight Range: 0-100,000 lb  
Overload: 2X rated load or 200,000 lb  
whichever is less

### ELECTRONIC CERTIFICATIONS

ATEX Code: EEx ia IIC T5  
Intrinsically safe certified by load sensor manufacturer  
Locations: ATEX Zone 1 when used with an approved safety barrier for an ambient temperature range of -40° to 93°C  
CSA and FM approvals to Class 1 Div 2.

### ELECTRICAL

Supply Voltage: 10-28VDC  
Current Requirement/Output: 4-20 mA  
Output: 2 wire current loop  
Zero Offset: < ± 3% of FS  
Span: < ± 3% of FS  
Accuracy: ±5% FS combined  
Temperature Stability: ±.003% of FS /°C , Typical

### ENVIRONMENTAL

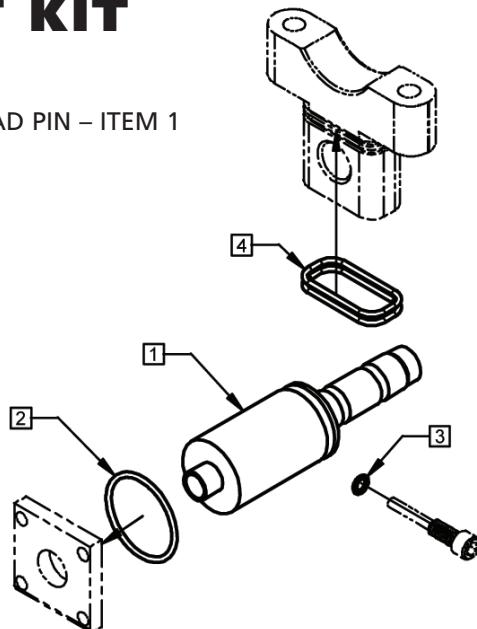
Operating Temperature: -40° to +93°C  
Storage Temperature: -40° to +93°C  
Shock: 100 g's @ 11 msec duration 1/2 sine  
Vibration: 20 to 2500 Hz @ 20 g's peak  
Humidity: 100%, non-submersible

Patent Pending

## LOAD PIN REPLACEMENT KIT HOOKLOAD TRANSDUCER

REPLACE ALL O-RINGS AS SHOWN WHENEVER REPLACING LOAD PIN – ITEM 1

ITEM	PART NUMBER	REV	DESCRIPTION	QTY
1	100-200-01	–	SENSOR, LOAD PIN, 100K	1
2	100-203-130	–	O-RING - SIZE 130 BUNA-N	1
3	100-203-010	–	O-RING - SIZE 010 BUNA-N	1
4	100-203-127	–	O-RING - SIZE 127 BUNA-N	2



### OUTPUT CURVE VS. LOAD

