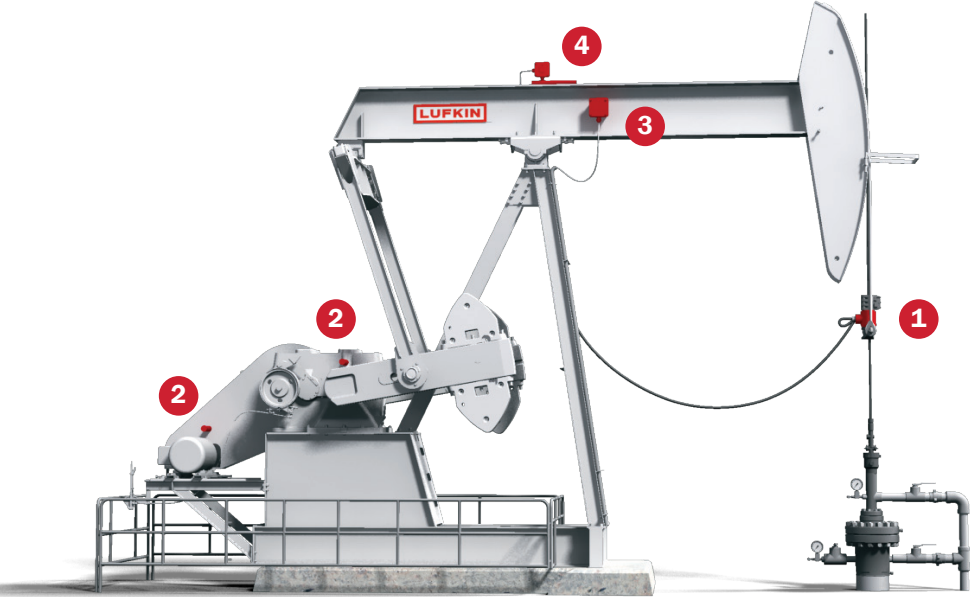


Rod Pump Control Transducers

for use with Lufkin Well Manager™ and others



Lufkin Automation offers RPC transducers for all the different pumping unit types. The transducer selection allows the user to choose the accuracy of the system and consider the long-term maintenance requirements. Each transducer is designed to interface with Lufkin RPCs and is manufactured to Lufkin's quality standards.



1 Load Cell

- Rated capacity: 30K or 50K pounds (specify)
- Overload rating without damage: 200% rated capacity
- Weight: 8.5 pounds
- Output (mV/V): 2.0 ±1%
- Operating temperature range: -40°F to 175°F
- Transient voltage protection: MOV to case
- Factory calibrated



2 Motor and Crank Hall Effect Transducers

- Unipolar hall effect switch
- Magnets mounted on crank arm and motor shaft
- Input voltage range: 4.5 to 24 Vdc
- Output open collector: sink 25 mA max
- Typical sensitivity: 350 gauss
- Operating temperature range: -40°C to 85°C



Lufkin Well Manager System

**3 Inclinator**

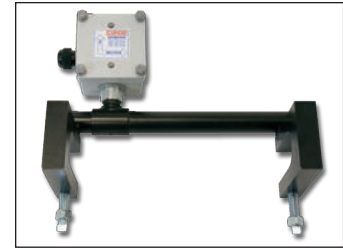
Ratiometric electronic dynamometer
Supply voltage range: 5–16 Vdc
Supply current: 3 milliamps
Output: 30 mV/degree
Linear range: ± 45 degrees

**4 101TL Weld-Mounted (Left) and Clamp-On (Right) Transducer****Beam Transducer**

Wheatstone bridge circuit
Gauge section thickness: 0.030 in.
Input impedance: 350 ohm/263 ohm
Input voltage range: 5–10 Vdc
Output with 8 Vdc excitation (per installation)
Offset range: 0.32 to 32 mVdc
Sensitivity: 2 mV/V increase with axial pull change from 500 to 1000 lb
Weld mount to top of walking beam
Field calibration required

Clamp-On Beam Transducer

Specs same as weld-mounted beam transducer
Clamp-on mount to edge of walking beam flange

**Load Cell Cable Options****Molded****Coiled****Armored****Break Away****Contact Lufkin Automation****E-mail: automation@lufkin.com****Automation Headquarters**

811 Willow Oak Drive
Missouri City, Texas 77489

(281) 495-1100

Fax: (281) 495-6333

E-mail automation@lufkin.com for additional
locations and information.