

Lufkin Automation Load Cell

For pump-off control of oil wells

Why Lufkin Load Cells are the best in class:

- Developed, field-tested, accepted for oil field use
- Transient voltage protection from lightning and/or power line disturbances
- Rugged — life exceeds 50,000,000 cycles
- All-weather, waterproof, corrosion resistant
- Performance insensitive to temperature changes
- 100,000 pound safe overload for model 1923WX-50K
- 60,000 pound safe overload for model 1923WX-30K
- Low sensitivity to off-center loads
- No welding or special brackets required
- Installs on polished rod



SPECIFICATIONS

ACCURACY

Static Error Band-%R0 ± 0.5

TEMPERATURE

Compensated Range-°F 0 to 150

Compensated Range-°C -18 to 65

Operating Range-°F -40 to 175

Operating Range-°C -40 to 80

Effect on Output-%/F - MAX ± 0.2

Effect on Zero-% R0/F - MAX ± 0.5

ELECTRICAL

Rated Output-mV/V (Nominal) ± 2

Zero Balance-% R0 ± 1

Bridge Resistance-Ohm (Nominal) 700

Excitation Voltage-VDC 5-15

Insulation Resistance-Megohm 10

MECHANICAL

Calibration Comp

Safe Overload-% CAP 200

Fatigue life-no. of cycles 50,000,000

ACCESSORIES*

SA-100 installation kit (bearing plate and spherical washer)
 CC-113-XX interconnect cable
 (XX designates no. of ft)

* See appendix for more technical information

