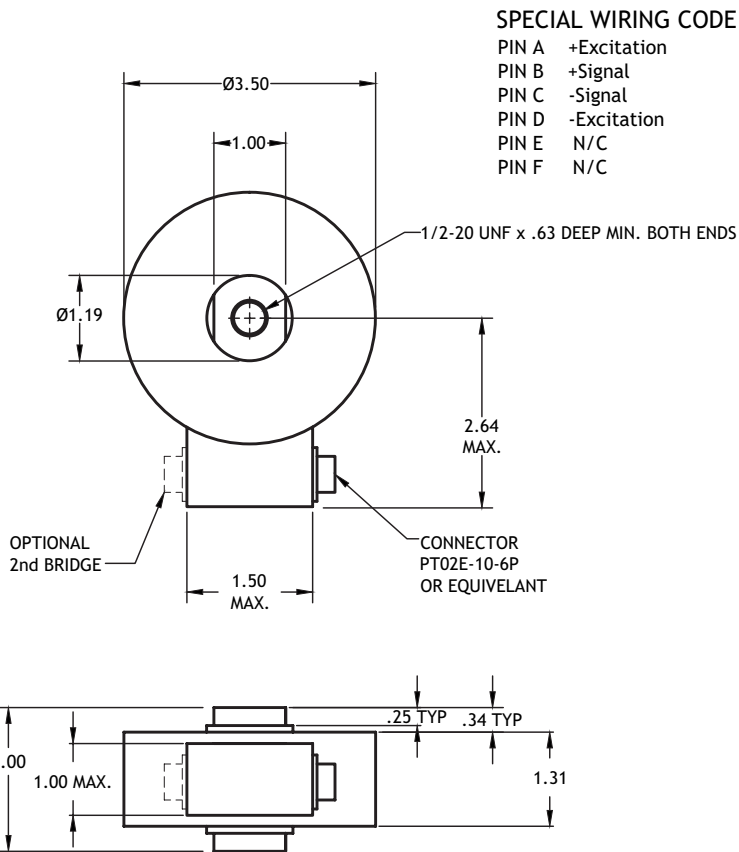


Universal Load Cell

Model XLUL

Force



All dimensions are in inches, unless otherwise noted. Also available in metric units.

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (lbs)	Ordering Example
EXCITATION	10 VDC, 20 VDC max	500	XLUL-0500
OUTPUT	3.0 mV/V	1,000	XLUL-001K
BRIDGE RESISTANCE	350 Ohms	3,000	XLUL-003K
LINEARITY	±0.1% FSO	5,000	XLUL-005K
HYSTERESIS	±0.1% FSO		
REPEATABILITY	±0.05%		
ZERO BALANCE	±2% FSO		
OPERATING TEMP RANGE	-65 to +200°F (-54 to +93°C)		
COMPENSATED TEMP RANGE	+70 to +170°F (+21 to +77°C)		
THERMAL EFFECTS on Zero	±0.002% FSO/°F ±0.0036% FSO/°C		
on Span	±0.002% FSO/°F ±0.0036% FSO/°C		
INSULATION RESISTANCE	> 5,000 Mohms		
CASING MATERIAL	Stainless Steel		
STANDARD CALIBRATION	Positive in Tension		



max.
5,000
lbs

**Measuring ranges**

- 0-500 to 0-5,000 lbs

**Features**

- Low Profile
- Low Deflection
- Low Sensitivity to Extraneous Forces
- Rugged Welded Construction

**Options**

- Dual Bridge
- Bridge Resistance
- Inline Amplifier
- Extended Compensated Temperature Range

**Drawing**

- 99-2567-0000