

## Miniature Universal Load Cell, low range

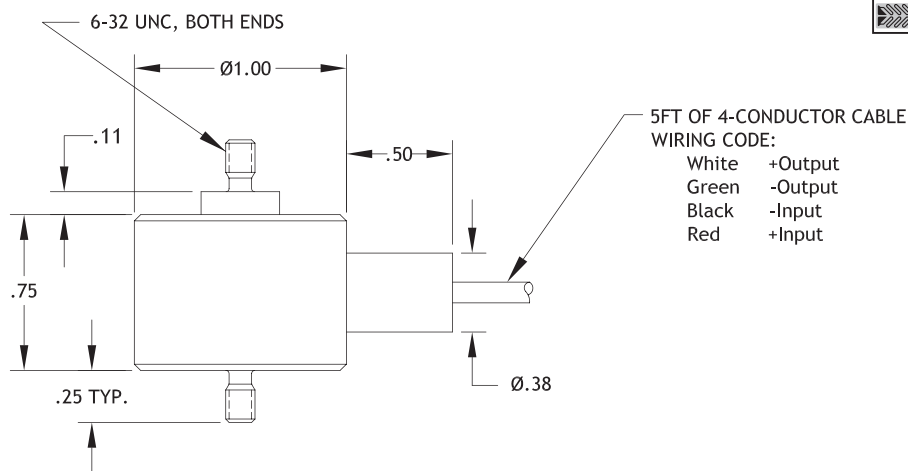
Model XLU68s



max.  
500  
gram



Force



Built in overload stops are standard on every unit.

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

**Measuring ranges**

- 0-50 to 0-500 g

**Features**

- Very Low Capacities
- Tension/Compression
- Small Size
- Internal Overload Protection

**Options**

- Cable Length
- Metric Threads
- Inline Amplifier
- Underwater Cable

**Drawing**

- 99-2746-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (gram)	Ordering Example
EXCITATION	5 VDC	50	XLU68s-050G
OUTPUT		500	XLU68s-500G
50g to 150g	0.1mV/V/g max		
250g to 500g	20 mV/V		
BRIDGE RESISTANCE	500 Ohms (semiconductor)		
LINEARITY & HYSTERESIS	±0.20% FSO, Combined		
REPEATABILITY	±0.10% FSO		
ZERO BALANCE	±5% FSO		
OPERATING TEMP RANGE	-65 to +250°F (-54 to +121°C)		
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)		
THERMAL EFFECTS			
on Zero	±0.015% FSO/°F		
on Span	±0.015% Reading/°F		
SAFE OVERLOAD	150% of Capacity		
CASING MATERIAL	Stainless Steel		
STANDARD CALIBRATION	Positive in Tension		