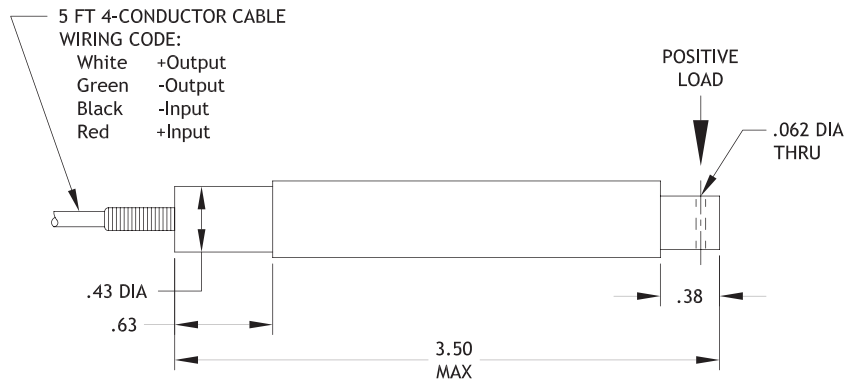


## Miniature cantilever beam

Model XLBL/XLBH



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



max.  
10 lbs



Force

**Measuring ranges**

- 0-25 g to 0-10 lbs

**Features**

- High Accuracy
- Built-In Overload Stops
- Ultra Low Measuring Ranges

**Options**

- Cable Length
- Inline Amplifier

**Drawing**

- 99-2774-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (gram/lbs)	Ordering Example
<b>LOAD RANGES</b>		25 grams	XLBL-025G
XLBL	25 grams to 1,000 grams	1,000 grams	XLBL-01KG
XLBH	150 grams to 10 lbs	150 grams	XLBH-150G
<b>EXCITATION</b>	5 VDC	10 lbs	XLBH-0010
<b>OUTPUT</b>			
XLBL	20 mV/V		
XLBH	2 mV/V		
<b>BRIDGE RESISTANCE</b>			
XLBL	500 Ohms (semiconductor)		
XLBH	350 Ohms (foil)		
<b>LINEARITY</b>	±0.1% FSO, Combined		
<b>HYSTERESIS</b>			
<b>REPEATABILITY</b>	±0.03% FSO, Combined		
<b>OPERATING TEMP RANGE</b>	0 to +200°F		
<b>COMPENSATED TEMP RANGE</b>	+60 to +160°F		
<b>THERMAL EFFECTS, on Zero</b>			
XLBL	±0.015% FSO/°F		
XLBH	±0.005% FSO/°F		
<b>THERMAL EFFECTS, on Span</b>			
XLBL	±0.020% Reading/°F		
XLBH	±0.005% Reading/°F		
<b>SAFE OVERLOAD</b>			
XLBL	500% of Capacity		
XLBH	300% of Capacity		
<b>MATERIAL</b>			
XLBL	Aluminum		
XLBH	Stainless Steel		