

DMi Model: XLBL and XLBH

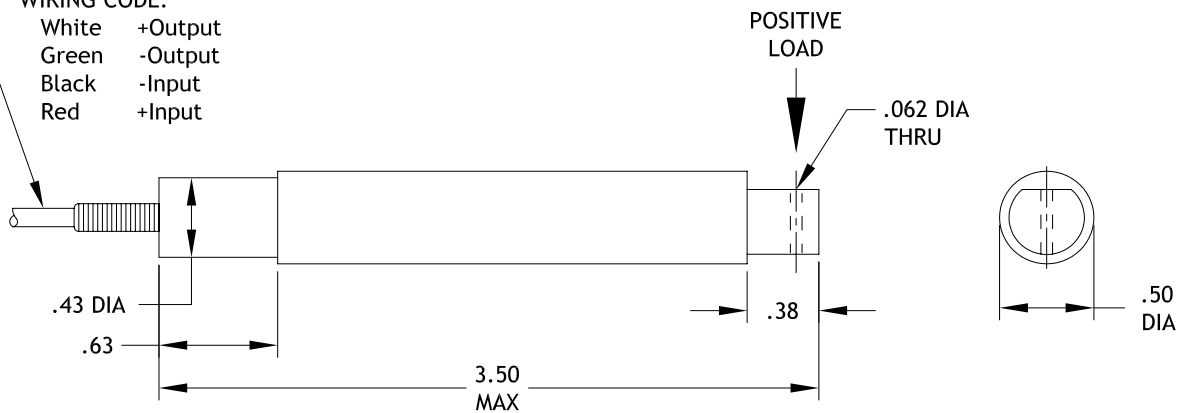
MINI-CANTILEVER LOAD BEAM



PERFORMANCE SPECIFICATIONS
(FSO is Full Scale Output)

LOAD RANGES:	
MODEL XLBL	25 grams to 1000 grams
MODEL XLBH	150 grams to 10 lbs
EXCITATION:	5 VDC
OUTPUT:	
MODEL XLBL	20 mV/V
MODEL XLBH	2 mV/V
BRIDGE RESISTANCE:	
MODEL XLBL	500 ohms (semiconductor)
MODEL XLBH	350 ohms (foil)
LINEARITY:	} ±0.1% FSO, Combined
HYSTERESIS:	
REPEATABILITY:	±0.03% FSO
OPERATING TEMP RANGE: 0 to +200°F	
COMPENSATED TEMP RANGE: +60 to +160°F	
THERMAL EFFECTS ON ZERO:	
MODEL XLBL	±0.015% FSO/°F
MODEL XLBH	±0.005% FSO/°F
THERMAL EFFECTS ON SPAN:	
MODEL XLBL	±0.020% Reading/°F
MODEL XLBH	±0.005% Reading/°F
SAFE OVERLOAD:	
MODEL XLBL	500 % of Capacity
MODEL XLBH	300% of Capacity
MATERIAL:	Stainless Steel

5 FT 4-CONDUCTOR CABLE
WIRING CODE:
White +Output
Green -Output
Black -Input
Red +Input



PART NUMBER EXAMPLES

PART NUMBER	CAPACITY
XLBL-025G	25 grams
XLBL-01KG	1000 grams
XLBH-150G	150 grams
XLBH-0010	10 lbs

All dimensions are inches, unless otherwise noted.