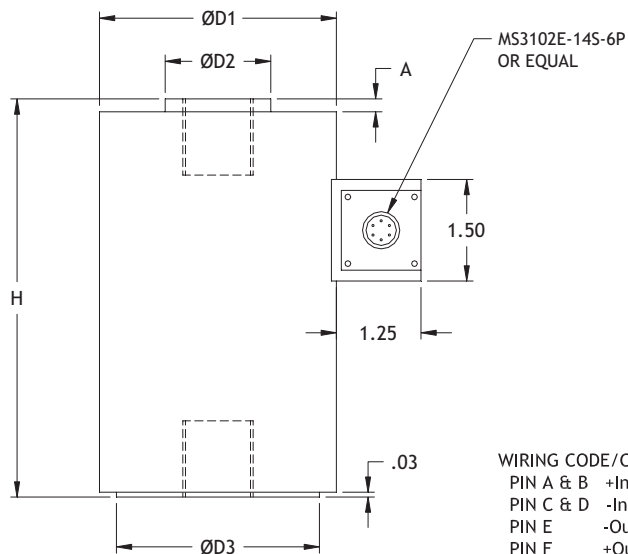
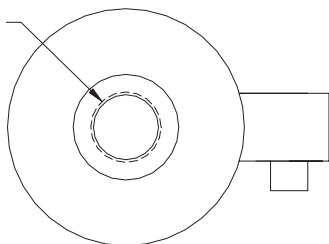


Canister Load Cell

Model XLUG

"THREAD" ON
BOTH SIDES

WIRING CODE/Connector:

PIN A & B +Input
 PIN C & D -Input
 PIN E -Output
 PIN F +Output

max.
200,000
lbs

Force

**Measuring ranges**

- 0-100 to 0-200,000 lbs

**Features**

- High Accuracy
- ASTM E74 Calibration
- Tension/Compression
- Calibration Class

**Options**

- Dual Bridge
- Integral Cable
- Metric Threads

**Drawing**

- 99-2666-0000

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	100	XLUG-0100
OUTPUT	3 mV/V ±0.25%	250	XLUG-0250
BRIDGE RESISTANCE	350 Ohms	500	XLUG-0500
INSULATION RESISTANCE	> 5,000 MOhms @ 50VDC	1,000	XLUG-001K
LINEARITY	±0.03% FSO*	2,000	XLUG-002K
HYSTERESIS	±0.03% FSO*	5,000	XLUG-005K
REPEATABILITY	0.02% FSO	50,000	XLUG-050K
ZERO BALANCE	±1.0% FSO	75,000	XLUG-075K
OPERATING TEMP RANGE	+30 to +185°F (-1 to +85°C)	150,000	XLUG-150K
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)		

THERMAL EFFECTS	
on Zero	±0.0015% FSO/°F
on Span	±0.0008% Reading/°F
SAFE OVERLOAD	150% of Capacity
CASING MATERIAL	Stainless Steel
STANDARD CALIBRATION	Positive in Tension

* 0.05% FOR CAPACITIES ≤250 LBS & ≥75,000 lbs

Ranges (lbs)	H	ØD1	ØD2	ØD3	A	Thread
0-100	2.75	2.00	.63	1.90	.09	3/8-24 UNF x 7/16
0-250 to 0-500	2.75	2.00	.63	1.90	.18	3/8-24 UNF x 7/16
0-1,000 to 0-4,000	4.13	2.50	.75	2.00	.18	1/2-20 UNF x 5/8
0-5,000 to 0-10,000	5.88	3.50	1.56	3.00	.19	1-14 UNF x 1-1/8
0-15,000 to 0-30,000	8.50	5.00	2.38	4.30	.63	1 1/2- 12 UNF x 2
0-50,000 to 0-75,000	12.00	6.00	3.63	5.50	.69	2-12 UNF x 2 1/2
0-100,000 to 0-150,000	15.80	7.50	4.80	6.80	.69	3-8 UNF x 4 1/2
0-200,000	21.00	9.00	7.50	8.10	.75	4-8 UN x 5 1/2