

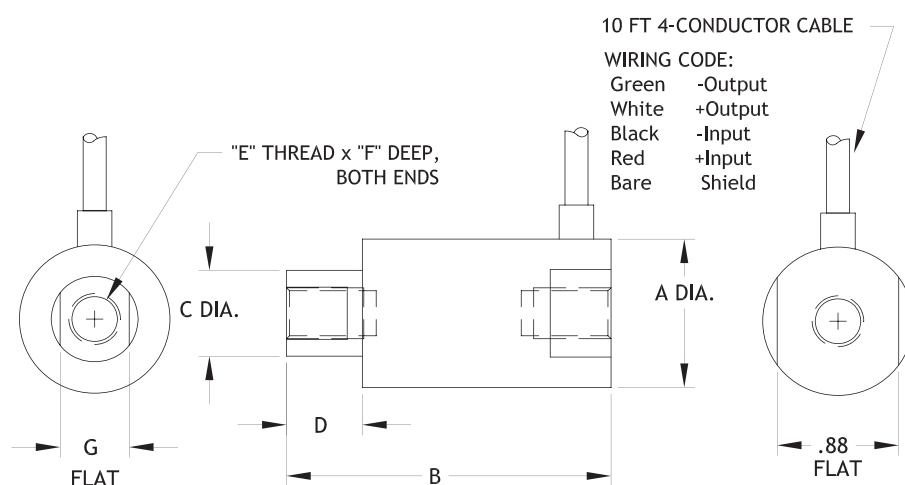
Rod End Tension Load Cell

Model XLRS

Force



max.
10,000
lbs



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

**Measuring ranges**

- 0-50 to 0-10,000 lbs

**Features**

- Tension/Compression
- Female/Female Threaded Connections
- Small Diameter

**Options**

- Extended Compensated Temperature Range
- Bridge Resistance
- Thread Size
- Cable Length

**Drawing**

- 99-2776-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)

EXCITATION	10 VDC, 15 VDC max
OUTPUT	2.0 mV/V
BRIDGE RESISTANCE	350 Ohms
LINEARITY	±0.50% FSO Combined
HYSTERESIS	
REPEATABILITY	±0.10% FSO
ZERO BALANCE	±5.0% FSO
OPERATING TEMP RANGE	-65 to +200°F
COMPENSATED TEMP RANGE	0 to +150°F
THERMAL EFFECTS	
on Zero	±0.005% FSO/°F
on Span	±0.01% Reading/°F
SAFE OVERLOAD	150% of Capacity
ULTIMATE OVERLOAD	300% of Capacity
MATERIAL	Stainless Steel
STANDARD CALIBRATION	Positive in Tension

Capacity (lbs)	Ordering Example
2,000	XLRS-002K
5,000	XLRS-005K
10,000	XLRS-010K

Ranges (lbs)	A	B	C	D	E	F	G
0-50 to 0-200	1.00	2.35	.63	.53	3/8-24 UNF-2B	.40	.56
0-500 to 0-2000	1.00	2.35	.63	.55	3/8-24 UNF-2B	.56	.50
0-5K to 0-10K	1.50	2.75	1.00	.79	1/2-20 UNF-2B	.56	.88