

LTR 810 - ROD END LOAD CELL

Model LTR 810 and Rod End In Line load cell is designed to provide excellent off-axis stability. This design allows the gages to be mounted on the closest possible center line of the cell and permits excellent long-term stability. The unit is constructed of stainless steel and is hermetically sealed for use in corrosive and very high humidity environments. Model LTR 810 has male threads. To achieve additional stability and ruggedness the threads are machined as an integral part of the load cell.

- **IN-LINE TENSION**
- **HERMETICALLY SEALED**
- **STAINLESS STEEL**
- **0-5 VDC OR 4-20 MA OUTPUT OPTIONAL**



LTR 810 shown with optional MasterLink 3000 Wireless Transmitter.

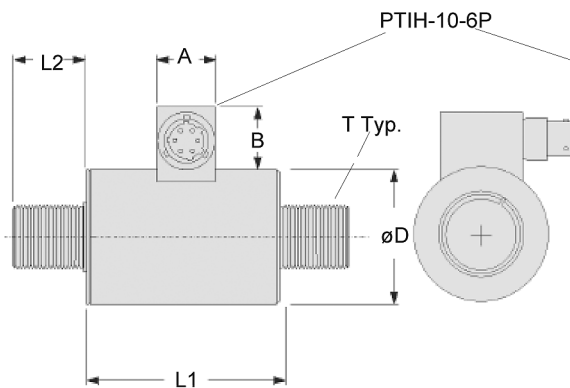
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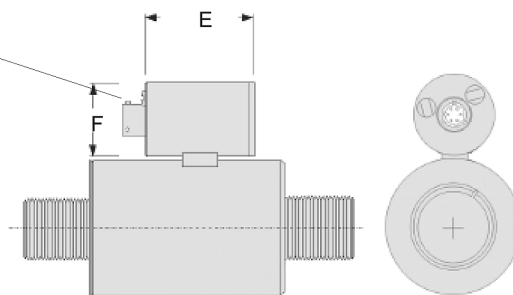
SPECIFICATIONS

LOAD RANGES:	2000 lb to 200,000 lb
LINEARITY:	±0.2% F.S.
HYSTERESIS:	±0.2% F.S.
REPEATABILITY:	±0.05% F.S.
MATERIAL:	17-4 PH Stainless Steel
TEMPERATURE RANGE:	60° to 160° F
OUTPUT:	2 mv/v
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 Vdc
SAFE OVERLOAD:	50% Over Capacity
CONNECTOR (Not Incl.):	PT06A-10-6S - 2k to 30k MS3106A-14S-6S - 50 k to 200k

Unamplified



Amplified



Wiring Code

Connector/ Unamplified (Std.)

- A (+) Excitation
- B (+) Excitation
- C (-) Excitation
- D (-) Excitation
- E (-) Output
- F (+) Output

AVAILABLE RANGES	D"	L1"	Unamplified		Amplified		L2"	Available Thread Size				
			A"	B"	E"	F"		1/2-20 UNF	3/4-16 UNF	7/8-14 UNF	1-14 UNF	1 1/2-12 UNF
2000; 3000; 4000; 5000 lb	1.50	2.60	.75	.82	1.95	1.50		x	x	x		
7500; 10,000; 15,000 lb	1.75	2.60	.75	.82	1.95	1.50			x	x	x	
20,000 lb	1.75	2.60	.75	.82	1.95	1.50				x	x	x
30,000; 50,000 lb	2.50	3.05	.75	.82	1.95	1.50				x		x
75,000; 100,000 lb	3.50	4.00					3.00			2 1/2-12 UNF		
150,000; 200,000 lb	4.50	5.00					4.00			3 1/2-8 UNF		