

LTL 750 - TENSION LINK LOAD CELL

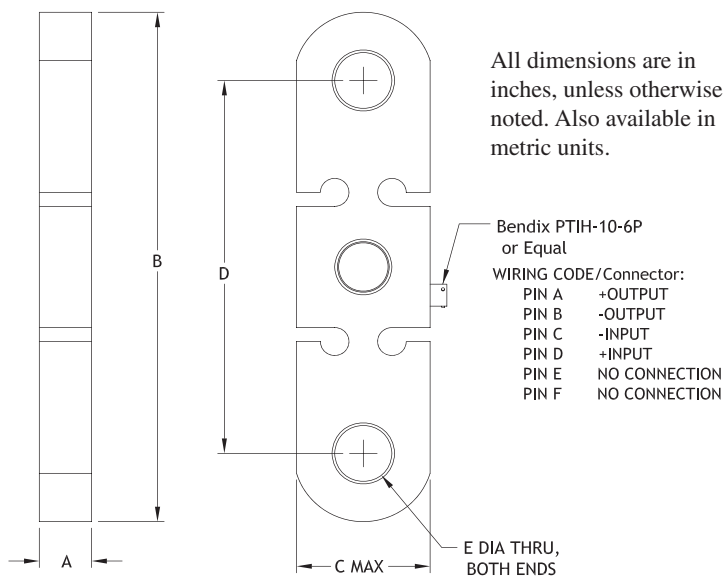
The LTL 750 allows easy mounting for tension loads up to 50 times the structural strength capacity. This one piece design allows for outdoor installation. The LTL can be used with the MasterLink 3000 for wireless application.

SPECIFICATIONS

TENSION CELL SPECIFICATIONS

LOAD RANGES:	10,000 to 100,000 lbs
EXCITATION:	9 to 15 Vdc
OUTPUT:	2mV/V Nominal
BRIDGE RESISTANCE:	350 Ohms
LINEARITY	
HYSTERESIS	
REPEATABILITY:	±0.25% FSO, Combined
OPERATING TEMP RANGE:	-40 to +260°F (-40 to +125°C)
COMPENSATED TEMP RANGE:	-4 to +160°F (-20 to +70°C)
THERMAL EFFECTS	
ON ZERO:	±0.75% FSO
ON SPAN:	±0.75% FSO
SAFE OVERLOAD:	150% of Capacity
MATERIAL:	17-4 PH Stainless Steel

- **RANGES FROM 0-10,000 TO 0-100,000 LBS**
- **STRUCTURAL STRENGTH UP TO 5X CAPACITY**
- **EASE OF INSTALLATION**
- **ONE PIECE DESIGN**
- **DESIGNED FOR OUTDOOR APPLICATIONS**
- **USED IN OVERLOAD PROTECTION DEVICES**
- **OPTIONS FOR INLINE AMPLIFIER, SIZE OF LOADING HOLES, AND INTEGRAL CABLE**



Ordering Ranges

Example Part #'s	A	B	C	D	E	Pin size, Ref.	Rated Capacity	Ultimate Overload
LTL 750-125 25K	1.37	13.66	3.5	10.0	1.31	1.25*	25,000 lbs	100,000 lbs
LTL 750-150 50K	1.75	15.0	4.25	10.0	1.57	1.50**	50,000 lbs	150,000 lbs

* Available for pin sizes up to 1.75 diameter

** Available for pin sizes up to 2.25 diameter