

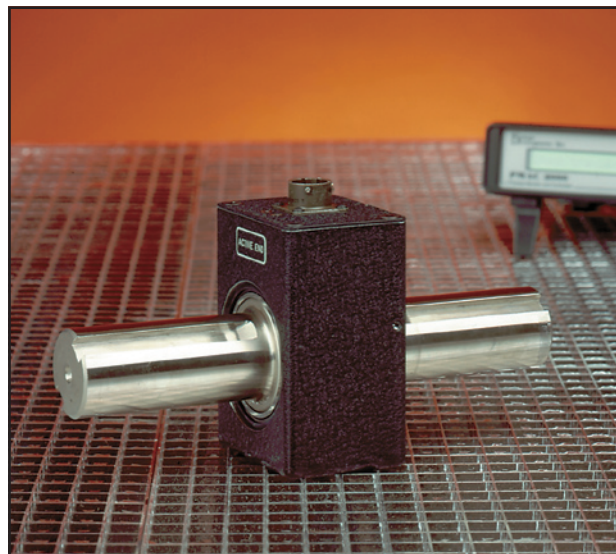
LXT 963 - ROTATING TORQUE LOAD CELL

The LXT 963 is designed to measure rotating drive torque using a conventional shaft-to-shaft configuration. This design incorporates a slip ring assembly which transmits excitation voltage to, and output signals from, the rotating sensor. If purchased with the DFI 2000, a personality module may be purchased for quick interfacing to that meter. Available as optional features are speed, angle encoder, and foot mount.

- **LOW RANGE AVAILABLE**
- **OPTIONAL ANGLE ENCODER**
- **FASTER SHAFT SPEEDS AVAILABLE**

SPECIFICATIONS

LOAD RANGES:	50 in.oz to 20,000 in.lb
LINEARITY:	±0.10% F.S.
HYSTERESIS:	±0.10% F.S.
REPEATABILITY:	±0.10% F.S.
MATERIAL (Housing):	50 in oz to 1000 in oz Aluminum 100 in lb to 20,000 in lb Steel
MATERIAL (Shaft):	Steel
TEMPERATURE:	70°F to 170°F
OUTPUT:	2 mv/v
BRIDGE RESISTANCE:	1000 ohms
EXCITATION:	20 Vdc Max
SAFE OVERLOAD:	150% of F.S.
RPM:	5000 Max
CONNECTOR:	PT02A-8-4S (standard) PT06E-12-10S/SR (with options)



AVAILABLE RANGES LOW

IN.OZ	IN.LB	NM	SHAFT	KEY
50	3	0.35	3/8	-
100	6	0.71	3/8	-
200	12	1.41	3/8	-
500	30	3.53	3/8	-
1000	62	7.06	3/8	-

AVAILABLE RANGES MEDIUM

IN.OZ	IN.LB	NM	SHAFT	KEY
-	100	12	0.749	3/16
-	200	23	0.749	3/16
-	500	56	0.999	1/4
-	1000	113	0.999	1/4
-	2000	226	0.999	1/4

AVAILABLE RANGES HIGH

IN.OZ	IN.LB	NM	SHAFT	KEY
-	5000	565	1.499	3/8
-	10000	1130	1.499	3/8
-	15000	1700	1.749	3/8
-	20000	2260	1.749	3/8

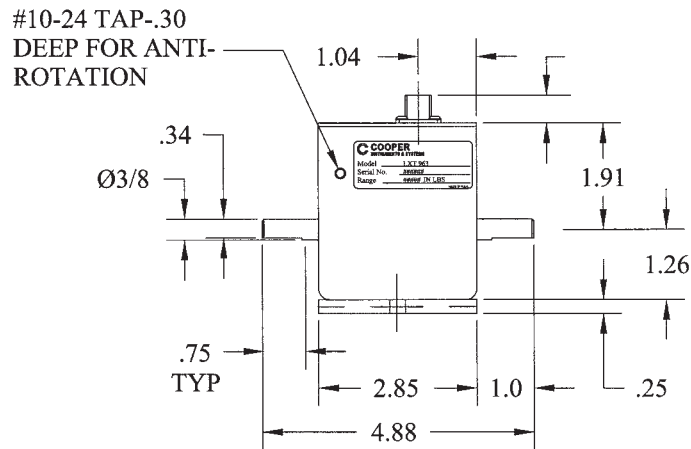


LXT 963 shown with the optional MasterLink 3000 Wireless Transmitter.

For more information:

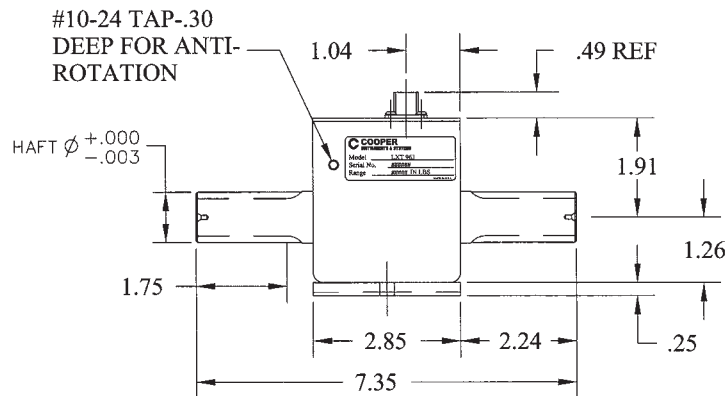
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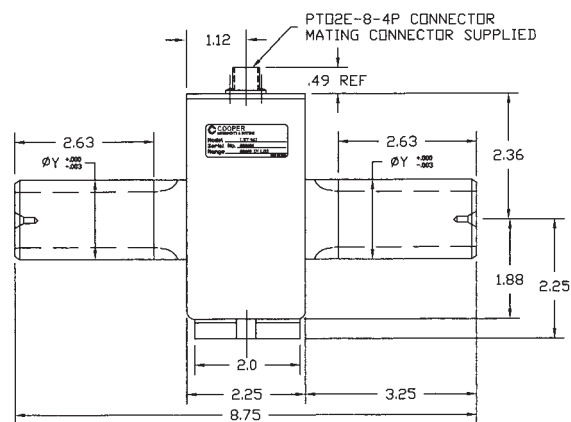
LOW RANGES

dimensions shown w/optional foot mount



MEDIUM RANGES

dimensions shown w/optional foot mount



HIGH RANGES

dimensions shown w/optional foot mount