

Model T23 LC Rotary Torque Transducer

Why the Interface model T23 LC Rotary Torque Transducer is the best in class:

- Capacities from 300 and 500 Nm (2.65K to 4.42K lb-in)
- Stainless steel shaft
- ± 5 VDC output
- 12-28 VDC supply
- Contactless



T23 LC Rotary Torque Transducer

SPECIFICATIONS

ACCURACY – (MAX ERROR)

Combined Error-% FS ± 0.25
 Nonrepeatability-% ± 0.05

TEMPERATURE

Effect on Zero-% RO/ $^{\circ}$ C ± 0.04
 Effect on Output-%/ $^{\circ}$ C ± 0.02
 Rated Range- $^{\circ}$ C+5 to +45
 Operating Range- $^{\circ}$ C0 to +60

ELECTRICAL

Output-VDC ± 5
 Bandwidth, Hz1 kHz-3dB
 Supply Voltage-VDC.....11 to 28
 Supply Current-mA90
 Electrical ConnectionIntegral cable,
 3-ft

MECHANICAL

Safe Overload-% RO180
 Cyclic Load Rating-% RO..... ± 70 peak
 Max Speed - rpm3500
 Shaft.....Stainless steel
 HousingAluminum

OPTIONS

Extra Cable Length

T23 INTEGRAL CABLE WIRING CODE

Function	Description	Color
Supply (+)	12 to 28 VDC	Brown
Supply (GND)	0 VDC	Red
Signal (+)	± 5 VDC	White
Signal (GND)	0 VDC	Green
Shield	Shield	Shield

