

Rotating Torque Sensors

Multi-groove Integrated Element [01309]

This pulley torque sensor features an integrated multi-groove pulley wheel sensing element.



SPECIFICATIONS

Capacity	100Nm (885 in-lbs)
Overload capacity	150% of F.S.
Output at F.S.	1.5mV/V
Non-linearity	0.10% of F.S.
Hysteresis	0.10% of F.S.
Zero balance	1.00% of F.S.
Compensated temperature	70 to 170°F (21 to 76°C)
Useable temperature	-40 to +185°F (-40 to 85°C)
Temperature effect on zero	0.002% of F.S./°F
Temperature effect on span	0.002% of Rdg./°F
Excitation voltage (max).....	20 Vdc
Maximum shaft speed*	10000 RPM.