

Interchangeable with
Model TH-TS2

SPEC SHEET
TQ402

REACTION TORQUE CELL

Shaft Key Mount

\$895

Model Shown

TQ402 Series Reaction Torque

0-600 to 0-12,000 in-lb
0-68 to 0-1350 N-m

1 N-m = 0.7375 ft-lb
1 ft-lb = 1.356 N-m
1 N-m = 8.85 in-lb
1 ft-lb = 12 in-lb

- ☑ All Stainless Steel Case for Long Term Reliability in Industrial Environments
- ☑ High Accuracy
- ☑ Shielded Cable for Precise Low Noise Measurements
- ☑ Heavy Duty Mounting for Positive, Non-Slip Connection

SPECIFICATIONS:

Output: 2 mV/V
Excitation: 10 V ac/dc, 15 V max
Input Resistance: 360 ohms min.
Output Resistance: 350 ohms ±5
Accuracy Class: 0.2%
Linearity: ±0.2% FSO
Hysteresis: ±0.1% FSO
Repeatability: ±0.03% FSO
Zero Balance: ±2% FSO
Operating Temp Range: -54 to +107°C (-65 to +225°F)

For Sales and Service
In U.S.A. and Canada

1-800-872-3963
1-800-USA-DYNE

International Customers Dial
(614) 965-9340
24-Hour FAX (614) 965-9438

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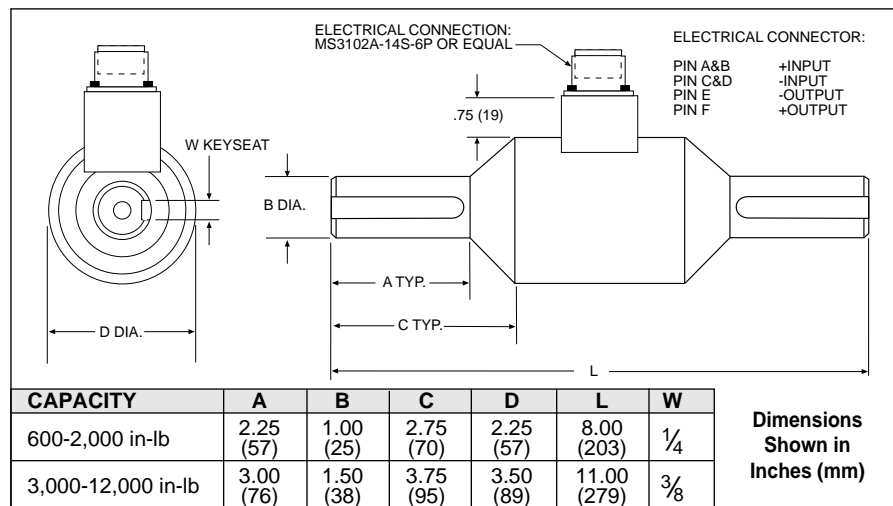
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Compensated Temp. Range:
+16 to +71°C (+60 to +160°F)

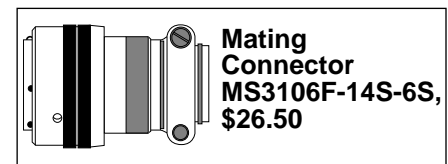
Thermal Effects:
Zero: 0.005% FSO/°F
Span: 0.005% Rdg/°F

Safe Overload: 150% of Capacity

Ultimate Overload: 300% of Capacity

Electrical: MS3102A-14S-6P or equal

Mating Connector: MS3106F-14S-6S
(not included)



► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (in-lb)	Model Number	Price	Compatible Meters
0-600	TQ402-600	\$895	INFS, INFCS
0-1200	TQ402-1.2K	895	INFS, INFCS
0-2000	TQ402-2K	1095	INFS, INFCS
0-3000	TQ402-3K	1095	INFS, INFCS
0-6000	TQ402-6K	1295	INFS, INFCS
0-12,000	TQ402-12K	1395	INFS, INFCS

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Metric Ranges Available - Consult Engineering

Ordering Examples: 1.) TQ402-600 is a 600 in-lb range reaction torque sensor, \$895.
2.) TQ402-6K is a 6,000 in-lb range reaction torque sensor, \$1295.

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