

REACTION TORQUE CELLS

SHAFT KEY MOUNT

TQ402 Series

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



Starts at
\$895

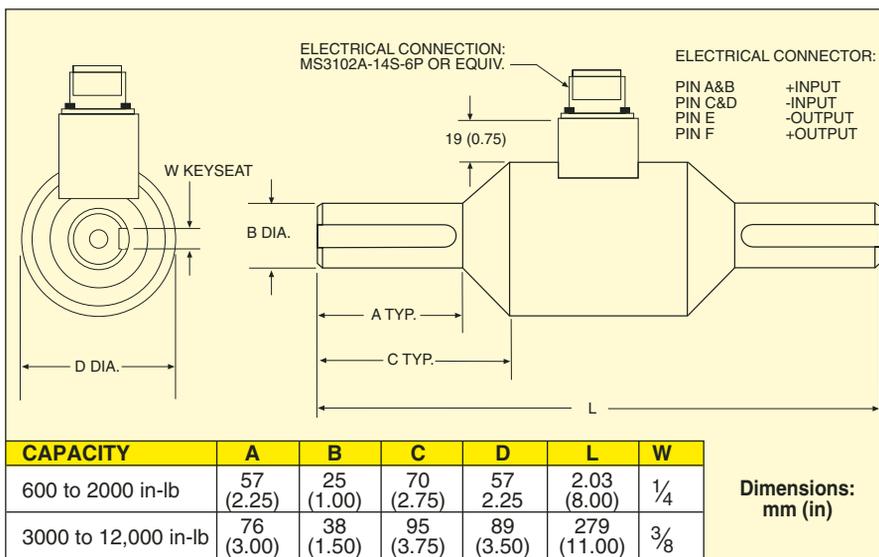


TQ402-1.2K, \$895,
 shown smaller
 than actual size.

- ✓ All Stainless Steel Case for Long-Term Reliability in Industrial Environments
- ✓ High Accuracy
- ✓ Heavy-Duty Mounting for Positive, Non-Slip Connection

SPECIFICATIONS

Output: 2 mV/V
Excitation: 10 Vdc, 15 V max
Input Resistance: 360 Ω min
Output Resistance: 350 ±5 Ω
Accuracy Class: ±0.2% FSO
Linearity: ±0.2% FSO
Hysteresis: ±0.1% FSO
Repeatability: ±0.05% FSO
Zero Balance: ±2% FSO
Operating Temp Range:
 -54 to 107°C (-65 to 225°F)
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
Protection Class: IP67
Electrical: MS3102A-14S-6P (or equiv.)
Mating Connector: MS3106E-14S-6S,
 \$64 (not included)



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE (in-lb)	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 600	TQ402-600	\$895	DP41-S, DP25B-S
0 to 1200	TQ402-1.2K	895	DP41-S, DP25B-S
0 to 2000	TQ402-2K	1095	DP41-S, DP25B-S
0 to 3000	TQ402-3K	1095	DP41-S, DP25B-S
0 to 6000	TQ402-6K	1295	DP41-S, DP25B-S
0 to 12,000	TQ402-12K	1395	DP41-S, DP25B-S

Comes with 5-point calibration.

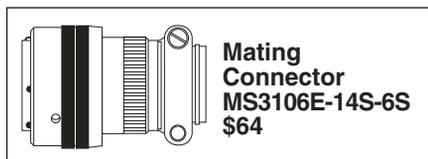
* See section D for compatible meters.

Metric ranges available – consult Engineering.

Ordering Example: TQ402-600, 600 in-lb range reaction torque sensor, \$895, with MS3106E-14S-6S, mating connector, \$64, \$895 + 64 = \$959.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-17	\$15	Reference Book: Measure for Measure



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters