## REACTION TORQUE SENSORS FLANGE-TO-SHAFT MOUNT LOW TORQUE RANGE STANDARD AND METRIC MODELS

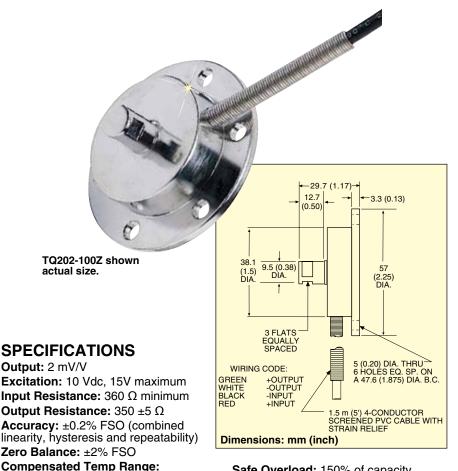
Reaction Torque 0-25 oz-inch to 0-250 inch-lb 0-0.18 N-m to 0-30 N-m

## TQ202/TQM202 Series



- ✓ 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

OMEGA's TQ202/TQM202 Series torque sensors are small, highaccuracy flange- or surface-mount devices designed for measuring reaction torque forces up to 250 inch-lb. The shaft attachment has 3 equally spaced flat surfaces to ensure non-slip mounting without the use of a key. The all stainless steel construction ensures long life in industrial environments, as well as long-term accuracy.



Safe Overload: 150% of capacity Ultimate Overload: 300% of capacity Construction: Stainless steel Electrical: 1.5 m (5') 4-conductor shielded PVC cable with strain relief

**Protection Class: IP65** 

## Operating Temp Range: -54 to 107°C (-65 to 225°F) **Thermal Effects:** Zero: 0.005% FSO/°F

**Span:** 0.005% rdg/°F

16 to 71°C (60 to 160°F)

To Order				
STANDARD RANGE	STANDARD MODEL NO.	METRIC RANGE	METRIC MODEL NO.	COMPATIBLE METERS*
0 to 25 oz-inch	TQ202-25Z	0 to 0.175 N-m	TQM202-0.175	DP41-S, DP25B-S
0 to 30 oz-inch	TQ202-30Z	0 to 0.20 N-m	TQM202-0.2	DP41-S, DP25B-S
0 to 100 oz-inch	TQ202-100Z	0 to 0.70 N-m	TQM202-0.7	DP41-S, DP25B-S
0 to 120 oz-inch	TQ202-120Z	0 to 0.85 N-m	TQM202-0.85	DP41-S, DP25B-S
0 to 150 oz-inch	TQ202-150Z	0 to 1.0 N-m	TQM202-1	DP41-S, DP25B-S
0 to 200 oz-inch	TQ202-200Z	0 to 1.4 N-m	TQM202-1.4	DP41-S, DP25B-S
0 to 25 inch-lb	TQ202-25	0 to 2.8 N-m	TQM202-2.8	DP41-S, DP25B-S
0 to 50 inch-lb	TQ202-50	0 to 5.6 N-m	TQM202-5.6	DP41-S, DP25B-S
0 to 100 inch-lb	TQ202-100	0 to 11 N-m	TQM202-11	DP41-S, DP25B-S
0 to 250 inch-lb	TQ202-250	0 to 28 N-m	TQM202-28	DP41-S, DP25B-S

Comes complete with 5-point calibration.

Ordering Examples: TQ202-25Z, 25 oz-in range reaction torque sensor.

TQ202-100, 100 in-lb range reaction torque sensor.

<sup>\*</sup> Visit us online for compatible meters.