



\$795

Model Shown

**TQ202 Series
Reaction Torque**

**0 - 25 oz-in to 0 - 250 in-lb
0 - 0.18 to 0 - 30 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

OMEGADYNE's TQ202 Series Torque Sensor is a small high accuracy flange or surface mount device designed for measuring reaction torque forces up to 250 in-lb. The shaft attachment has three equally spaced flat surfaces to assure non-slip mounting without the use of a key. The all stainless steel construction provides long life in industrial environments and its heavy duty construction assures long term high accuracy measurements.

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

**1-800-872-3963SM
1-800-USA-DYNE**

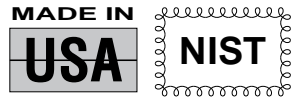
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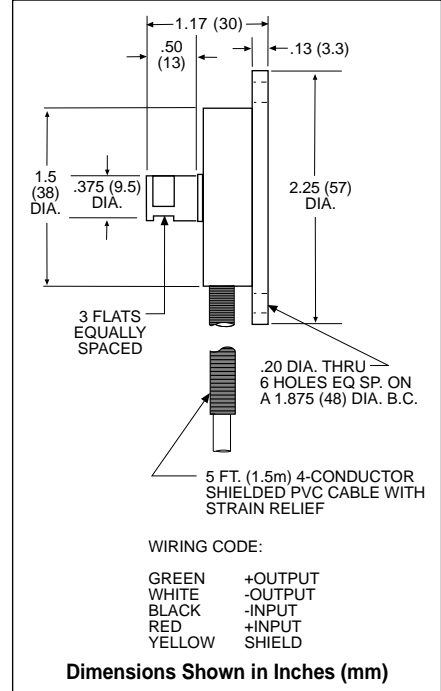
Interchangeable with
Model TH-TTM1

**SPEC SHEET
TQ202**

**REACTION TORQUE SENSOR
Flange to Shaft Mount - Low Torque Range**



Model TQ111-100
Shown Larger than Actual Size



SPECIFICATIONS:

Output: 2 mV/V
Excitation: 10 V ac/dc, 15 V max
Input Resistance: 360 ohms min.
Output Resistance: 350 ohms ±5
Accuracy: Linearity, Hysteresis, and Repeatability Combined: ±0.2%
Zero Balance: ±2% FSO
Compensated Temp. Range: +16 to +71°C (+60 to +160°F)

Operating Temp Range:

-54 to +107°C (-65 to +225°F)

Thermal Effects:

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

Safe Overload: 150% of Capacity

Ultimate Overload: 300% of Capacity

Construction: Stainless Steel

Electrical: 5 ft (1.5m) 4-conductor shielded PVC cable with Strain Relief

► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)

Range	Model Number	Price	Compatible Meters
0-25 oz-in	TQ202-25Z	\$895	INFS, INFCS
0-30 oz-in	TQ202-30Z	895	INFS, INFCS
0-100 oz-in	TQ202-100Z	795	INFS, INFCS
0-120 oz-in	TQ202-120Z	795	INFS, INFCS
0-150 oz-in	TQ202-150Z	795	INFS, INFCS
0-200 oz-in	TQ202-200Z	795	INFS, INFCS
0-25 in-lb	TQ202-25	795	INFS, INFCS
0-50 in-lb	TQ202-50	795	INFS, INFCS
0-100 in-lb	TQ202-100	795	INFS, INFCS
0-250 in-lb	TQ202-250	795	INFS, INFCS

Interchangeable with Model TH-TTM1

Metric Ranges Available - Consult Engineering

Ordering Examples: 1.) TQ202-25Z is a 25 oz-in range reaction torque sensor, \$895.
 2.) TQ202-100 is a 100 in-lb range reaction torque sensor, \$795.

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