OMEGADYNE™

MADE IN USA NIST

Interchangeable with ***Model TH-TS***

SPEC SHEET
TQ301

REACTION TORQUE CELL
Flange to Flange Mount

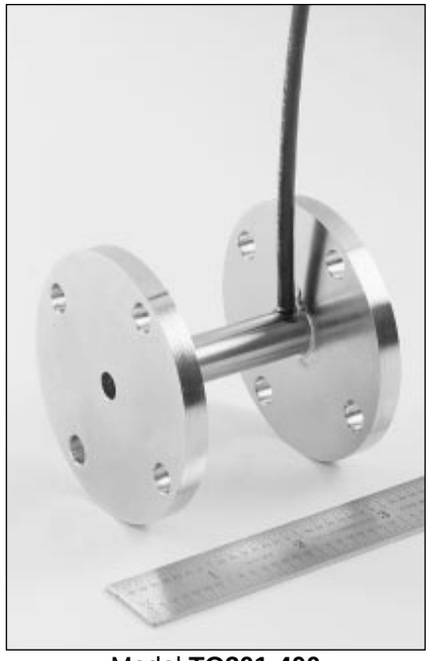
$475
Model Shown

TQ301 Series Reaction Torque

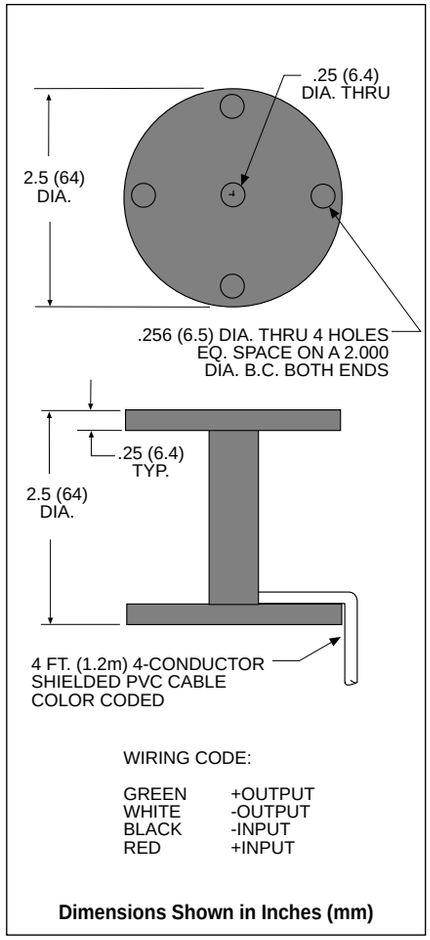
0 to 400 in-lb
0 to 45 N-m

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**



Model **TQ301-400**
Shown Smaller Than Actual Size



Dimensions Shown in Inches (mm)

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, Hysteresis, and Repeatability: ±0.2% FSO Combined
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: 4 ft (1.2m) 4-conductor shielded PVC cable color coded

Most Popular Models Highlighted ***Prices Shown in U.S. Dollars***

To Order: *(Specify Model Number)*			
Range (in-lb)	**Model Number**	**Price**	**Compatible Meters**
0-400	**TQ301-400**	**$475**	INFS, INFCS

Interchangeable with Model TH-TS *Metric Ranges Available - Consult Engineering*

Ordering Examples: 1.) TQ301-400 *is a 400 in-lb range reaction torque sensor,* ***$475****.*

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

OMEGADYNE℠ FAX
OMEGADYNE's 24-Hour On-Line Publishing Service
1-800-344-3963℠
1-800-DIG-DYNE
Document # 3721

OMEGADYNE, Inc.
149 Stelzer Court, Sunbury, OH 43074
http://www.omegadyne.com
e-mail: info@omegadyne.com
Formerly T-HYDRONICS, INC.

Look for OMEGADYNE Products on the World Wide Web!
http://www.omegadyne.com
e-mail: info@omegadyne.com

Printed On Recycled Paper