REACTION TORQUE CELLS
SURFACE KEY MOUNT

Reaction Torque
0-30 ft-lb to 0-250 ft-lb
0-40 N-m to 0-340 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

TQ401 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

SPECIFICATIONS
Output: 2 mV/V
Excitation: 10 Vdc, 15V maximum
Input Resistance: 360 Ω minimum
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
Construction: Stainless steel
Protection Class: IP65
Electrical: 3 m (10') 4-conductor, shielded, color-coded PVC cable with strain relief

To Order

<table>
<thead>
<tr>
<th>RANGE (ft-lb)</th>
<th>MODEL NO.</th>
<th>COMPATIBLE METERS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 30</td>
<td>TQ401-30</td>
<td>DP41-S, DP25B-S</td>
</tr>
<tr>
<td>0 to 100</td>
<td>TQ401-100</td>
<td>DP41-S, DP25B-S</td>
</tr>
<tr>
<td>0 to 250</td>
<td>TQ401-250</td>
<td>DP41-S, DP25B-S</td>
</tr>
</tbody>
</table>

Comes complete with 5-point calibration.

* Visit us online for compatible meters. Metric ranges available – consult Engineering.

Ordering Examples: TQ401-30, 30 ft-lb range reaction torque sensor.
TQ401-250, 250 ft-lb range reaction torque sensor.