**REACTIOn Torque CELLS**
*FLANGE-TO-FLANGE MOUNT*  
*STANDARD AND METRIC MODELS*

**Reaction Torque**
400 in-lb to 2000 in-lb  
45 N-m to 225 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

**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, 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:**  
TQ301: 1.2 m (4') 4-conductor, shielded, color-coded PVC cable  
TQ302: PTIH-10-6P connection; PT06F10-6S mating connector sold separately

**To Order**

<table>
<thead>
<tr>
<th>RANGE</th>
<th>MODEL NO.</th>
<th>COMPATIBLE METERS*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD MODELS</strong></td>
<td></td>
<td></td>
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<tr>
<td>0 to 400 in-lb</td>
<td>TQ301-400</td>
<td>DP41-S, DP25B-S</td>
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<tr>
<td>0 to 2000 in-lb</td>
<td>TQ302-2K</td>
<td>DP41-S, DP25B-S</td>
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<tr>
<td><strong>METRIC MODEL</strong></td>
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<tr>
<td>0 to 45 N-m</td>
<td>TQM301-45N</td>
<td>DP41-S, DP25B-S</td>
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**ACCESSORY**

<table>
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<tr>
<th>MODEL NO.</th>
<th>DESCRIPTION</th>
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<tr>
<td>PT06F10-6S</td>
<td>Mating connector for TQ302-2K torque cell</td>
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Comes complete with 5-point calibration.  
* Visit us online for compatible meters.  
 Ordering Example: TQ301-400, 400 in-lb range reaction torque sensor.