COMBINATION TORQUE AND THRUST CELLS
HEAVY-DUTY CONSTRUCTION

Combination Torque/Thrust
0 to 100 in-lb/0 to 50 lb
0 to 11 N-m/0 to 225 N

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

TQ601 Series

- All Stainless Steel for Long-Term Reliability in Industrial Environments
- Protection Class IP65
- High Accuracy
- Dual Shielded Cables for Precise Low-Noise Measurements

SPECIFICATIONS
TORQUE CELL
Output: 2 mV/V
Excitation: 10 Vdc, 15V maximum
Input Resistance: 360 Ω minimum
Output Resistance: 350 ±5 Ω
Linearity: ±0.2% FSO
Hysteresis: ±0.10% FSO
Repeatability: ±0.05% FSO
Thermal Effects:
  Zero: ±0.005% FSO/°F
  Span: ±0.005% rdg/°F
Safe Overload: 150% of capacity
Ultimate Overload: 300% of capacity

THRUST CELL
Output: 2 mV/V
Excitation: 10 Vac/dc, 15V maximum
Input Resistance: 360 Ω min
Output Resistance: 350 ±5 Ω
Linearity: ±0.15% FSO
Hysteresis: ±0.10% FSO
Repeatability: ±0.05% FSO
Zero Balance: ±2% FSO
Thermal Effects:
  Zero: ±0.0025% FSO/°F
  Span: ±0.005% rdg/°F
Safe Overload: 200% of capacity
Ultimate Overload: 300% of capacity

COMMON SPECIFICATIONS
Operating Temperature:
-46 to 107°C (-50 to 225°F)
Compensated Temperature:
16 to 71°C (60 to 160°F)

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To Order

<table>
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<tr>
<th>RANGE</th>
<th>MODEL NO.</th>
<th>COMPATIBLE METERS*</th>
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<tbody>
<tr>
<td>0 to 15</td>
<td>TQ601-15/15</td>
<td>DP41-S, DP25B-S</td>
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<tr>
<td>0 to 100</td>
<td>TQ601-100/50</td>
<td>DP41-S, DP25B-S</td>
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</tbody>
</table>

Comes complete with 5-point calibration. Metric ranges available—consult Engineering.* Two meters required. Visit us online for compatible meters.

Ordering Example: TQ601-100/50, dual 100 in-lb torque/50 lb load range combination cell.