

# REACTION TORQUE CELLS

## HEAVY-DUTY FLANGE MOUNT

### TQ302 Series

Reaction Torque

0 to 2000 in-lb

0 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



TQ302-2K, \$1525, shown smaller than actual size.



TQ302-2K  
**\$1525**



- ✓ All Stainless Steel Case for Long-Term Reliability in Industrial Environments
- ✓ High Accuracy
- ✓ Heavy-Duty Mounting for Positive, Non-Slip Connection

### SPECIFICATIONS

**Output:** 2 mV/V

**Excitation:** 10 Vdc, 15 Vdc max

**Input Resistance:** 360 Ω min

**Output Resistance:** 350 ±5 Ω

**Accuracy Class:** ±0.2% FSO

**Linearity:** ±0.2% FSO

**Hysteresis:** ±0.05% FSO

**Repeatability:** ±0.05% FSO

**Zero Balance:** ±1% 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

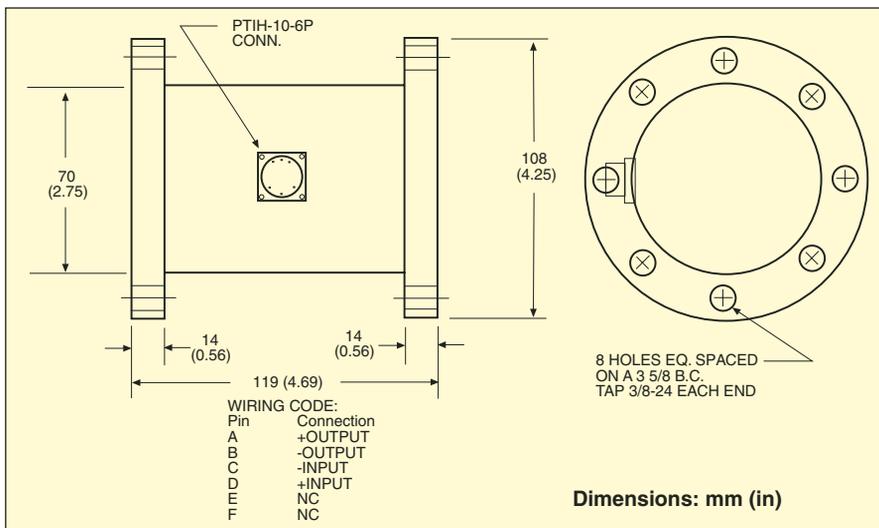
**Ultimate Overload:** 300% of capacity

**Construction:** Stainless steel

**Protection Class:** IP66

**Electrical:** PTIH-10-6P connection

**Mating Connector:** PT06F-10-6S, \$26.50 (not included)



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

RANGE	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 2000 in-lb	TQ302-2K	\$1525	DP41-S, DP25B-S

Comes with 5-point calibration.

\* See section D for compatible meters.

Metric ranges available – consult Engineering.

**Ordering Example:** TQ302-2K, 2000 in-lb range reaction torque sensor, \$1525.

PT06F-10-6S, mating connector (not included), \$26.50.

### ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-17	\$15	Reference Book: Measure for Measure

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