

AT102 AXIAL TORSION FORCE & TORQUE TRANSDUCER (U.S. & METRIC)

FEATURES & BENEFITS

- Capacity: Force kN(lbf) / Torque Nm(lbf-in) – 10(2.25K) / 10(88.5)
- Compact design
- Side cable exit

OPTIONS

- Internal shunt resistor – 100% output

SPECIFICATIONS

ACCURACY – (MAX ERROR)		
Nonlinearity – Torque %FS		± 0.2
Hysteresis – Torque %FS		± 0.2
Non-repeatability – %RO		± 0.08
Cross talk – %FS		< 1
Creep, in 30 min – %		± 0.1
TEMPERATURE		
Effect on Zero – %RO / °C		± 0.02
Effect on Output – % / °C		± 0.02
Compensated Range	°C	-10 to +50
	°F	+14 to +122
Operating Range	°C	-30 to +80
	°F	-22 to +176
ELECTRICAL		
Output – mV/V ± %		1 ±15
Excitation Voltage – VDC		2-12
Bridge Resistance – Ohm		350
Electrical Connection	m	2 cables (3 each)
	ft	2 cables (9.8 each)
MECHANICAL		
Safe Overload – %RO		150
IP Rating		IP40
Material		Alloy steel

STANDARD CONFIGURATION



Model AT102 (shown)

