

Model AT101 Axial Torsion Force & Torque Transducer

- Capacities: Force (kN) / Torque (Nm) - 0.5/5, 1/10, 1/30; 20/20, 0.5/50, 2/50
- Measures force & torque in one package
- 8 mm thru-hole



OPTIONS

Internal Shunt Resistor – 100% output

CAPACITIES

MODEL	FORCE	TORQUE
AT101 - 0.5/5	0.5 kN	5 Nm
AT101 - 1/10	1 kN	10 Nm
AT101 - 1/30	1 kN	30 Nm
AT101 - 20/20	20 kN	20 Nm
AT101 - 0.5/50	0.5 kN	50 Nm
AT101 - 2/50	2 kN	50 Nm

SPECIFICATIONS

ACCURACY – (MAX ERROR)	
Nonlinearity – Torque - %FS	+/-0.2
Hysteresis – Torque - %FS	+/-0.2
Nonlinearity – Torque - %FS	+/-0.3
Hysteresis – Torque - %FS	+/-0.3
Hysteresis - %FS	+/-0.2
Nonrepeatability - % RO	+/-0.1
Cross talk - %	<1%
TEMPERATURE	
Effect on Zero - % RO/°C	+/-0.02
Effect on Output - %/°C	+/-0.02
Compensated Range - °C	-5 to +45
Operating Range - °C	-15 to +55
ELECTRICAL	
Output – mV/V	1
Excitation Voltage – VDC	2-12
Bridge Resistance – Torque - Ohm	350
Bridge Resistance – Force - Ohm	700
Electrical Connection	12-pin Binder
MECHANICAL	
Safe Overload - % RO	150
IP Rating	50

DIMENSIONS

