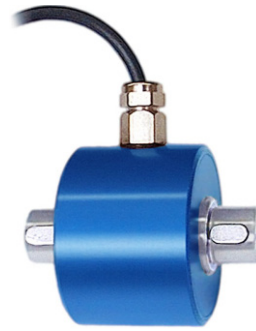


Model TS21 Miniature Shaft Style Reaction Torque Transducer

- Capacities from 1 Nm to 100 Nm
- Shaft ends with keys
- Very small measuring ranges



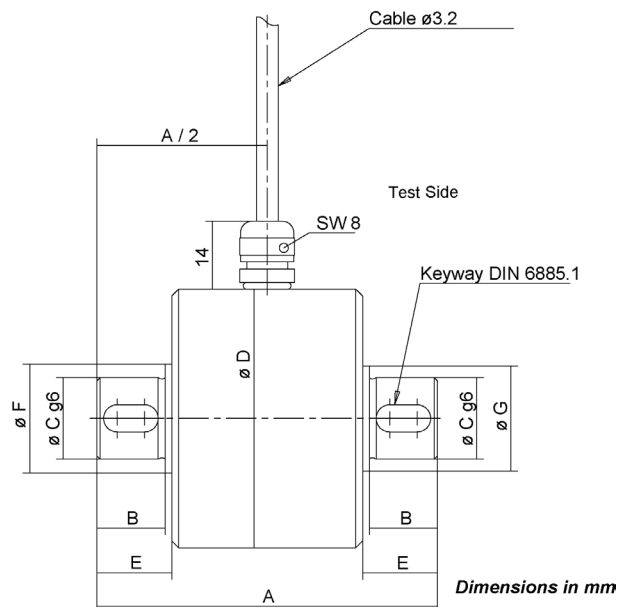
OPTIONS

Enhanced Accuracy – 0.1% nonlinearity & hysteresis
 Internal Shunt Resistor – 100% output

SPECIFICATIONS

ACCURACY – (MAX ERROR)	
Nonlinearity - %FS	+/-0.2
Hysteresis - %FS	+/-0.2
Nonrepeatability - % RO	+/-0.1
TEMPERATURE	
Effect on Zero - % RO/°C	+/-0.02
Effect on Output - %/°C	+/-0.01
Compensated Range - °C	-5 to +45
Operating Range - °C	-15 to +55
ELECTRICAL	
Output – mV/V	1
Excitation Voltage – VDC	2-12
Bridge Resistance – Ohm	350
Electrical Connection	3 meter cable
MECHANICAL	
Safe Overload - % RO	150
Angular Deflection at Rated Torque -	<0.2
Cyclic Load Rating - % RO	+/-70 Peak
IP Rating	50

DIMENSIONS



Measuring range [N·m]	A	B	C	D	E	F	G
1 / 2 / 5 / 10 / 12 / 15 / 20	50	10	12	38	11	16	15.4
50 / 100	70	20	18	49	21,5	21	20.5

TS21
04/25/13