



NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT

### SPECIFICATIONS

CAPACITY (Nm)	30
OVERLOAD CAPACITY (%F.S.)	300
SINGLE-ENDED OUTPUT @ F.S. (V)	2.5 $\pm$ 2
POWER SUPPLY (V)	5V
BRIDGE RESISTANCE ( $\Omega$ ) NOMINAL	350
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE ( $^{\circ}$ C)	-20 TO +100
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	250
RADIAL FORCE FOR CROSSTALK (N)	250
BENDING MOMENT FOR CROSSTALK (Nm)	25
TORSION ANGLE (CALCULATED)	0.04 $^{\circ}$
TORSIONAL STIFFNESS (KNm/RAD)	80
MASS (KG)	0.1

### WIRING CODE

COLOR	FUNCTION
RED	+EX
GREEN	+SIG
BLACK	GND
BROWN	-SIG

**SUNRISE INSTRUMENTS**

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SINGLE AXIS TORQUE LOADCELL  
 D59MM, 30 Nm

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN MM

M2210F1

REV.  
 0.3