



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

SPECIFICATIONS

CAPACITY (Nm)	100
OVERLOAD CAPACITY (%F.S.)	300
DIFFERENTIAL OUTPUT @ F.S. (V)	2.5±2
POWER SUPPLY (V)	5V
BRIDGE RESISTANCE (Ω) NOMINAL	1050
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-20 TO +85
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	250
RADIAL FORCE FOR CROSSTALK (N)	250
BENDING MOMENT FOR CROSSTALK (Nm)	15
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	125
BENDING STIFFNESS (kNm/RAD)	16
MASS (KG)	0.30

WIRING CODE - BOTH CHNS

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

SUNRISE INSTRUMENTS

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TORQUE LOADCELL
D86MM, 100 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2211T2

REV.
0.2