



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

SPECIFICATIONS

CAPACITY (Nm)	230
OVERLOAD CAPACITY (%F.S.)	300
DIGITAL OUTPUT	RS485
POWER SUPPLY (V)	5 \pm 0.1V, 250MA
BRIDGE RESISTANCE (Ω) NOMINAL	350
NON-LINEARITY	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)	460
RADIAL FORCE FOR CROSSTALK (N)	900
BENDING MOMENT FOR CROSSTALK (Nm)	100
TORSION ANGLE (CALCULATED)	0.05 $^{\circ}$
TORSIONAL STIFFNESS (KNm/RAD)	263
BENDING STIFFNESS (KNm/RAD)	43
MASS (KG)	0.34

ATTENTION: RED WIRE MUST BE CONNECTED TO POSITIVE SUPPLY VOLTAGE AND BLACK TO GROUND. OTHERWISE CIRCUIT MAY GET DAMAGED!

DRAWING IN THIRD ANGLE PROJECTION

WIRING CODE

COLOR	FUNCTION
RED	+EX
GREEN	RS485-A
BLACK	GND
BROWN	RS485-B

SUNRISE INSTRUMENTS

www.srisensor.com

SINGLE AXIS TORQUE LOADCELL
 D92MM, 230 Nm

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M2214G6

REV.
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