



NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 200% OF THOSE USED FOR CROSSTALK MEASUREMENT

SPECIFICATIONS	
CAPACITY (Nm)	400
OVERLOAD CAPACITY (%F.S.)	200
OUTPUT @ F.S. (V) NOMINAL	2.5 \pm 2
POWER SUPPLY (V)	5V
BRIDGE RESISTANCE (Ω) NOMINAL	350
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-20 TO +100
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	600
RADIAL FORCE FOR CROSSTALK (N)	1000
BENDING MOMENT FOR CROSSTALK (Nm)	110
TORSION ANGLE (CALCULATED)	0.07°
TORSIONAL STIFFNESS (KNm/RAD)	327
BENDING STIFFNESS (KNm/RAD)	90
MASS (KG)	0.38

DRAWING IN THIRD ANGLE PROJECTION

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

SUNRISE INSTRUMENTS

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ROBOT JOINT TORQUE LOADCELL
 D96MM, 400 Nm

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M2212G1

REV.
 0.2