



DRAWING IN THIRD ANGLE PROJECTION

SPECIFICATIONS	
CAPACITY (Nm)	250
OVERLOAD CAPACITY (%F.S.)	200
OUTPUT @ F.S. (V) NOMINAL	2.5±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)	500
RADIAL FORCE FOR CROSSTALK (N)	500
BENDING MOMENT FOR CROSSTALK (Nm)	80
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	286
BENDING STIFFNESS (KNm/RAD)	57
MASS (KG)	0.27

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

SUNRISE INSTRUMENTS
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ROBOT JOINT TORQUE LOADCELL
 D67MM, 250 Nm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2212L	REV. 0.1
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