



DRAWING IN THIRD ANGLE PROJECTION

NOTE: THE BENDING CAPACITY IS 200Nm

SPECIFICATIONS	
CAPACITY (Nm)	200
OVERLOAD CAPACITY (%F.S.)	300
DIFFERENTIAL OUTPUT @ F.S. (V)	2.5±2 *
POWER SUPPLY (V)	4.5-5V, 25MA
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)	1000
RADIAL FORCE FOR CROSSTALK (N)	1000
BENDING MOMENT FOR CROSSTALK (Nm)	100
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	230
BENDING STIFFNESS (KNm/RAD)	80
MASS (KG)	0.67

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

* WHEN POWER SUPPLY IS 4.5V, OUTPUT WILL BE 2.25±1.75V

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

SUNRISE INSTRUMENTS
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SINGLE AXIS TORQUE LOADCELL
 D120MM, 200 Nm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2212R1	REV. 0.2
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