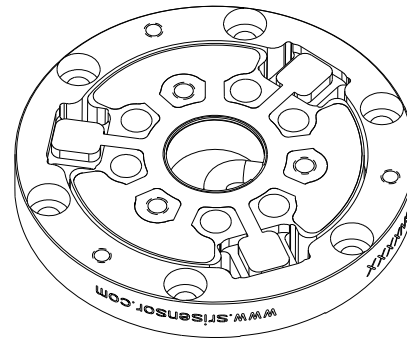


NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT



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

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

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

SPECIFICATIONS	
CAPACITY (Nm)	60
OVERLOAD CAPACITY (%F.S.)	250
OUTPUT @ F.S. (RATIOMETRIC OUTPUT)	2.5±2V *
POWER SUPPLY (TYPICAL)	4.5-5V, 25mA
BRIDGE RESISTANCE (Ω) NOMINAL	1050
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)	250
RADIAL FORCE FOR CROSSTALK (N)	250
BENDING MOMENT FOR CROSSTALK (Nm)	25
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	80
MASS (KG)	0.082

**SUNRISE INSTRUMENTS**  
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SINGLE AXIS TORQUE LOADCELL  
 D53MM, 60 Nm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2210E	REV. F
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