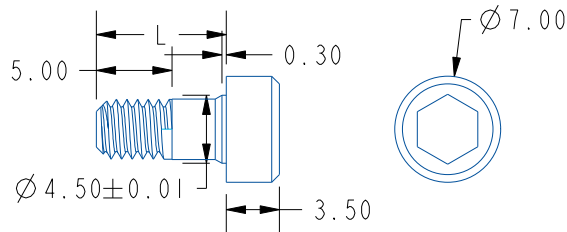


NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT

SPECIFICATIONS	
CAPACITY (Nm)	50
OVERLOAD CAPACITY (%F.S.)	300
OUTPUT @ F.S. (V), AFTER AMPLIFIER	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)	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)	0.14



14X MODIFIED M4 X 8.6 SCREW FOR 2.00MM THICK MATING PLATE

4X MODIFIED M4X13.6 SCREW FOR 7.00MM PLATE

6X MODIFIED M4X17.6 SCREW FOR 11.00MM PLATE

MATING HOLE SIZE Ø4.50±0.01MM

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

SUNRISE INSTRUMENTS
www.srisensor.com

SINGLE AXIS TORQUE LOADCELL
D62MM, 50 Nm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2210N1	REV. A3
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