



SPECIFICATIONS

CAPACITY (Nm)	200
OVERLOAD CAPACITY (%F.S.)	200
OUTPUT @ F.S. (V) NOMINAL	1.0 MV/V
POWER SUPPLY (V)	5V
BRIDGE RESISTANCE (Ω) NOMINAL	700
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)	300
RADIAL FORCE FOR CROSSTALK (N)	500
BENDING MOMENT FOR CROSSTALK (Nm)	55
TORSION ANGLE (CALCULATED)	0.06°
TORSIONAL STIFFNESS (KNm/RAD)	191
BENDING STIFFNESS (KNm/RAD)	60
MASS (KG)	0.22

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

DRAWING IN THIRD ANGLE PROJECTION

WIRING CODE

NO.	COLOR	FUNCTION
1	RED	+EX
2	WHITE	-SIG
3	GREEN	+SIG
4	BLACK	GND
5	SHIELDING WIRE	

SUNRISE INSTRUMENTS

www.srisensor.com

ROBOT JOINT TORQUE LOADCELL
D89MM, 200 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2213U

REV.
C