



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

### SPECIFICATIONS

CAPACITY (Nm)	70
OVERLOAD CAPACITY (%F.S.)	300
OUTPUT @ F.S.NOMINAL	1.8 MV/V
POWER SUPPLY (V)	4.5-5.0
BRIDGE RESISTANCE (Ω) NOMINAL	700
NON-LINEARITY	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-20 TO +100
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	200
RADIAL FORCE FOR CROSSTALK (N)	400
BENDING MOMENT FOR CROSSTALK (Nm)	100
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	80
BENDING STIFFNESS (KNm/RAD)	13
MASS (KG)	0.11

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

DRAWING IN THIRD ANGLE PROJECTION

### WIRING CODE

	COLOR	FUNCTION
1	RED	+EX
2	WHITE	-SIG
3	GREEN	+SIG
4	BLACK	GND
5	SHIELDING WIRE	

**SUNRISE INSTRUMENTS**

[www.srisensor.com](http://www.srisensor.com)

SINGLE AXIS TORQUE LOADCELL  
D73MM, 70Nm

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M2213V2

REV.  
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