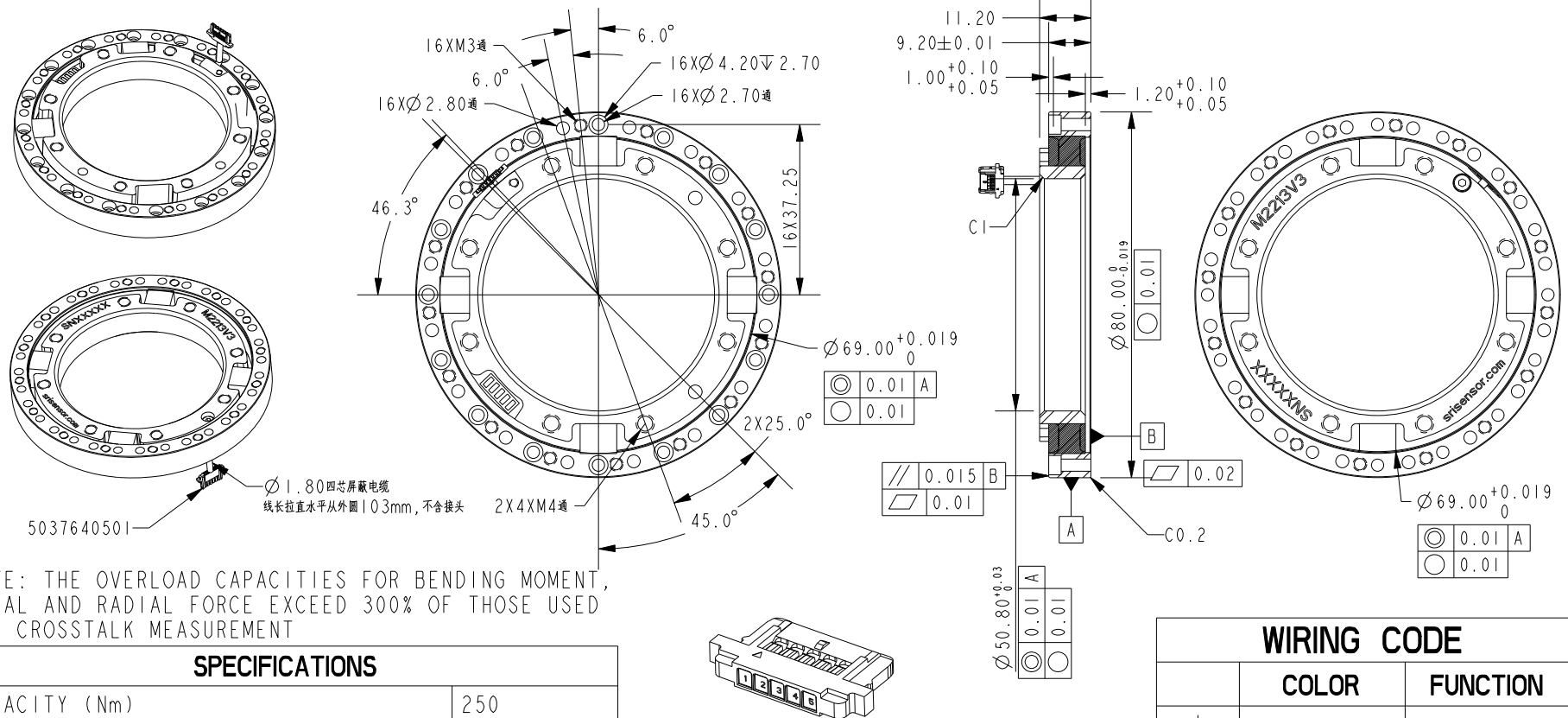




SPECIFICATIONS

CAPACITY (Nm)	250
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 ($^{\circ}$ 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 $^{\circ}$
TORSIONAL STIFFNESS (KNm/RAD)	115
BENDING STIFFNESS (KNm/RAD)	19
MASS (KG)	0.16

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

SINGLE AXIS TORQUE LOADCELL
D80MM, 250 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2213V3

REV.
A