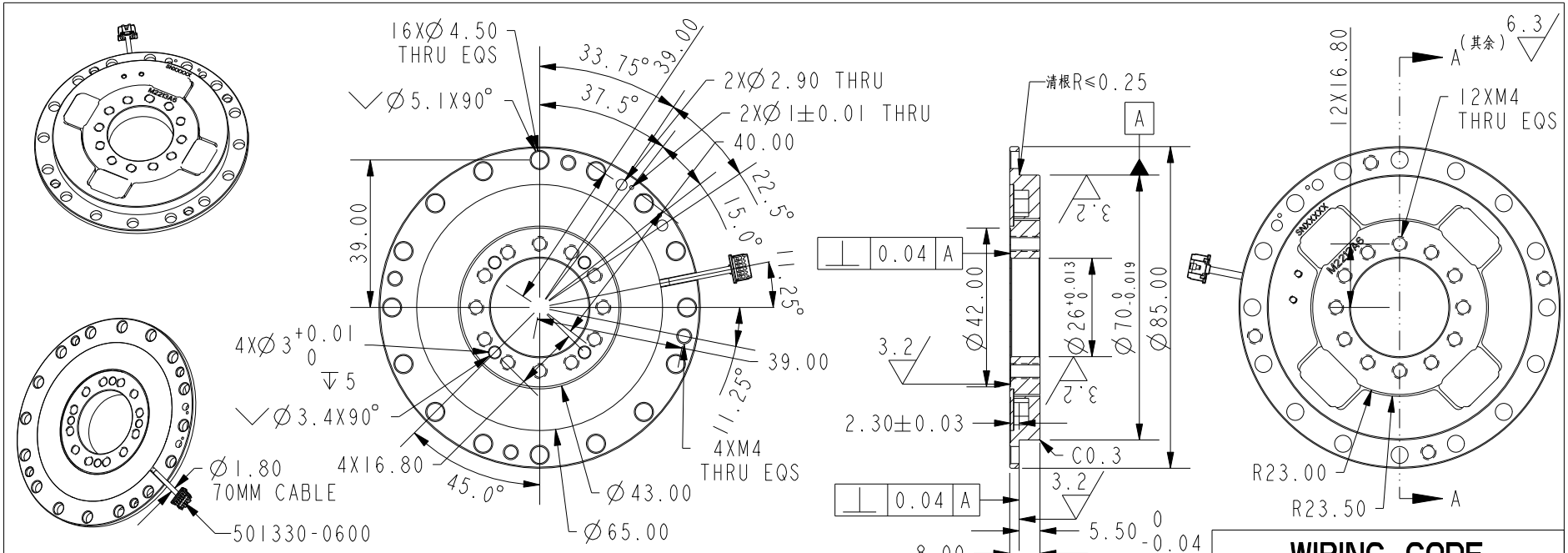
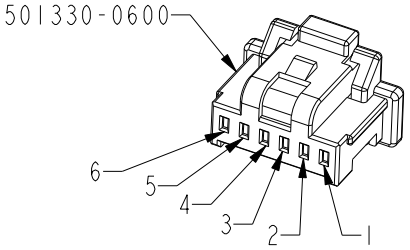


NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT



DRAWING IN THIRD ANGLE PROJECTION

WIRING CODE

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

SPECIFICATIONS

CAPACITY (Nm)	300
OVERLOAD CAPACITY (%F.S.)	300
OUTPUT @ F.S. (V) NOMINAL	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)	900
RADIAL FORCE FOR CROSSTALK (N)	1500
BENDING MOMENT FOR CROSSTALK (Nm)	50
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	270
BENDING STIFFNESS (KNm/RAD)	30
MASS (G)	195

SUNRISE INSTRUMENTS

www.srisensor.com

SINGLE AXIS TORQUE LOADCELL
D85MM, 300 Nm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2213A6	REV. 0.3