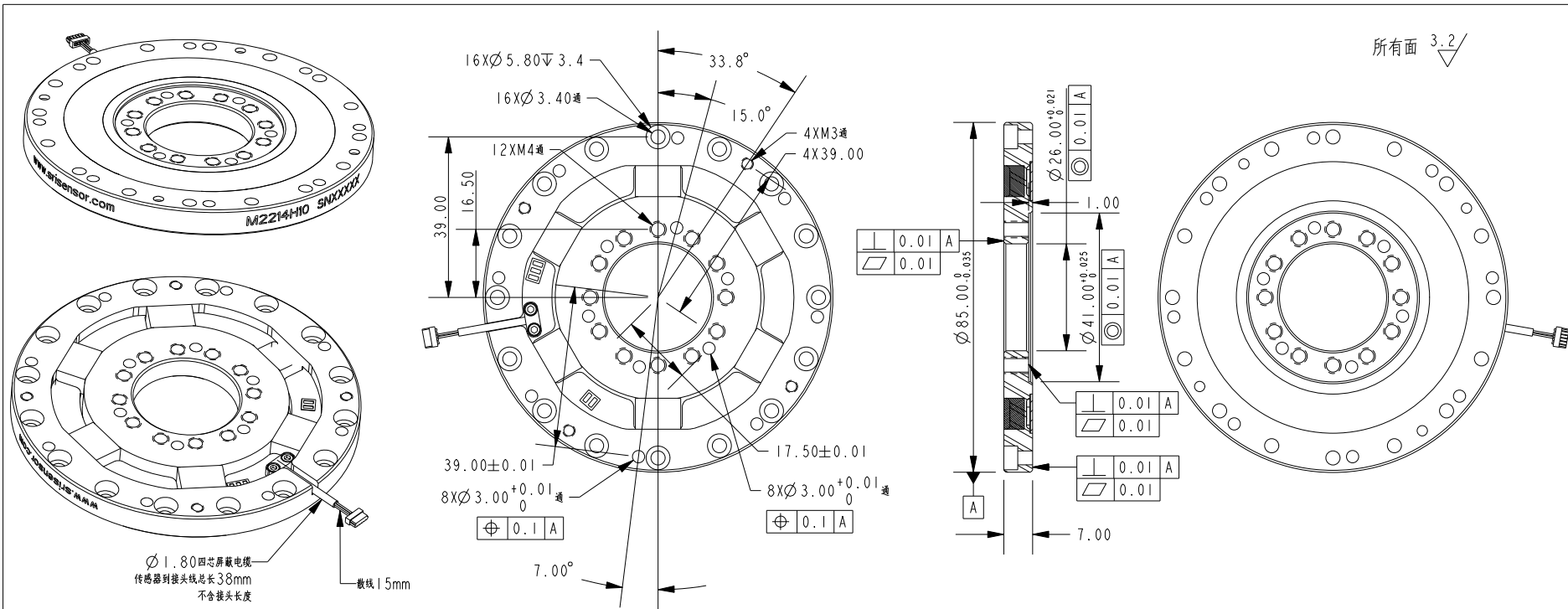
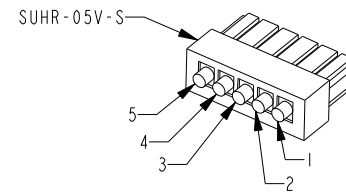




SPECIFICATIONS

CAPACITY (Nm)	350
OVERLOAD CAPACITY (%F.S.)	250
OUTPUT @ F.S. (mv/V)	1.3 ± 0.2
POWER SUPPLY (V)	5
BRIDGE RESISTANCE (Ω) NOMINAL	700
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE ($^\circ\text{C}$)	-20 TO +90
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	400
RADIAL FORCE FOR CROSSTALK (N)	400
BENDING MOMENT FOR CROSSTALK (Nm)	50
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	120
BENDING STIFFNESS (KNm/RAD)	30
MASS (KG)	0.21



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

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

SUNRISE INSTRUMENTS

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ROBOT JOINT TORQUE LOADCELL
D85MM, 350 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2214H10

REV.
A