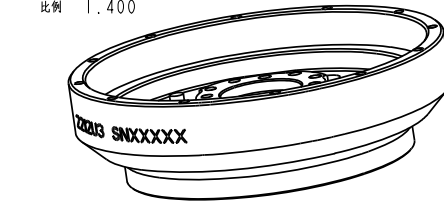
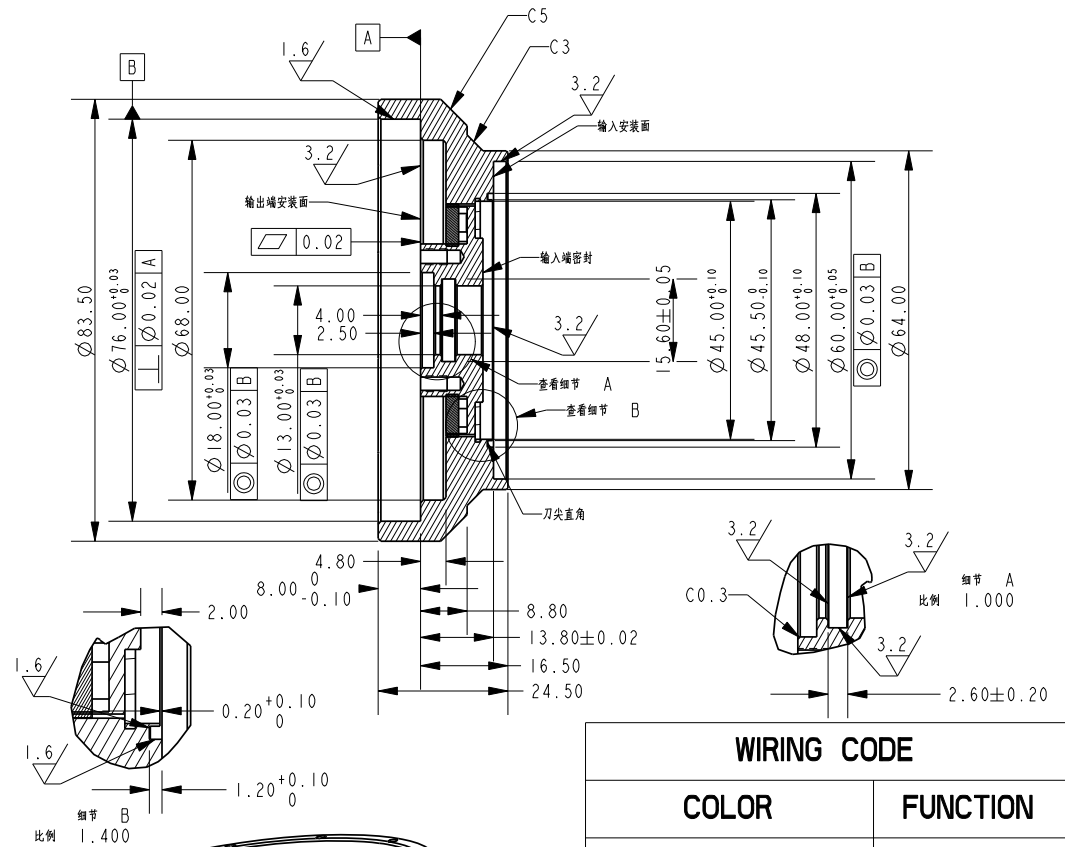


NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT

### SPECIFICATIONS

CAPACITY (Nm)	50
OVERLOAD CAPACITY (%F.S.)	300
DIFFERENTIAL OUTPUT @ F.S. (V)	2.5±2
POWER SUPPLY (V)	4.5V-5V, 25MA
BRIDGE RESISTANCE (Ω) NOMINAL	350
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-20 TO +85
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	100
RADIAL FORCE FOR CROSSTALK (N)	200
BENDING MOMENT FOR CROSSTALK (Nm)	7
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	71
BENDING STIFFNESS (KNm/RAD)	8
MASS (KG)	0.16



DRAWING IN THIRD ANGLE PROJECTION

### WIRING CODE

COLOR	FUNCTION
RED	+EX
GREEN	+SIG
BLACK	GND
BROWN	-SIG

**SUNRISE INSTRUMENTS**

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

SINGLE AXIS TORQUE LOADCELL  
D83.5MM, 50 Nm

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M2212U3

REV.  
0.1