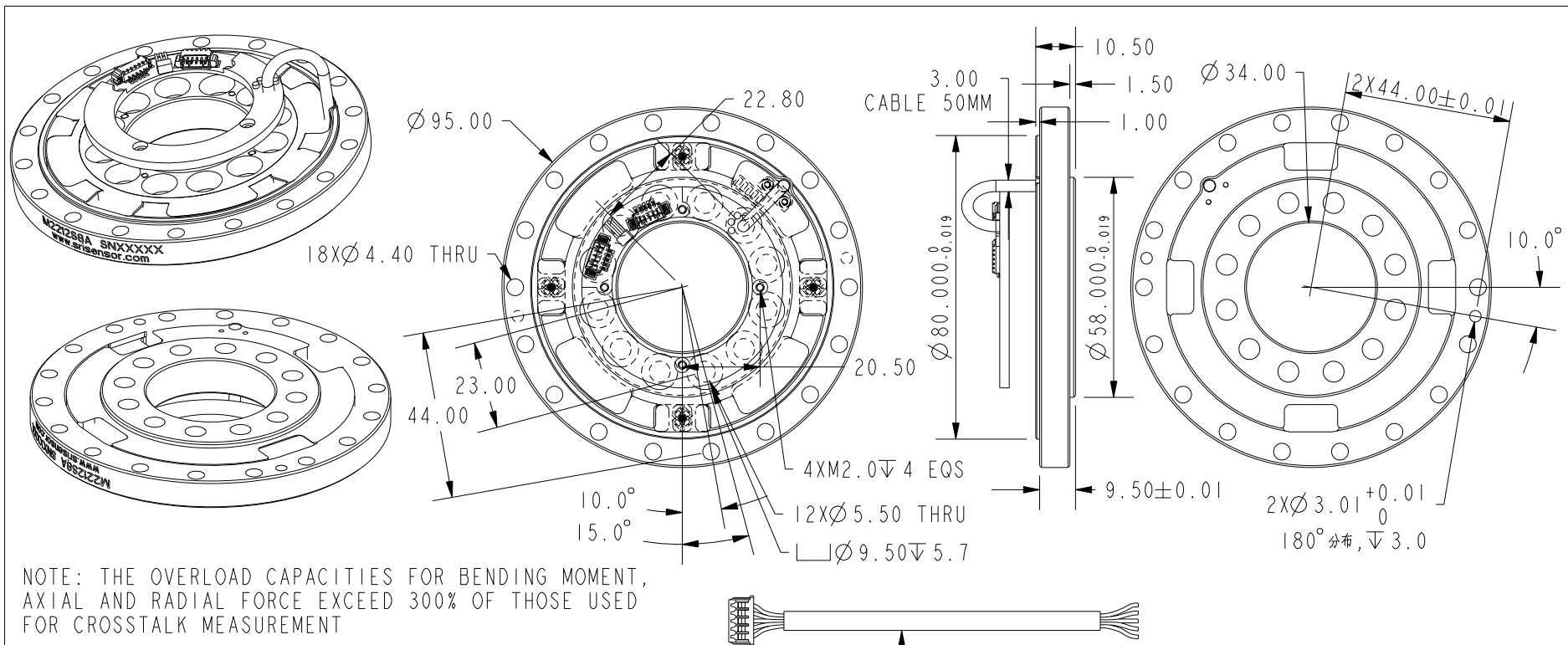




SPECIFICATIONS

CAPACITY (Nm)	140
OVERLOAD CAPACITY (%F.S.)	300
DIFFERENTIAL OUTPUT @ F.S. (V)	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)	300
RADIAL FORCE FOR CROSSTALK (N)	300
BENDING MOMENT FOR CROSSTALK (Nm)	34
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	198
BENDING STIFFNESS (KNm/RAD)	40
MASS (KG)	0.36

DRAWING IN THIRD ANGLE PROJECTION

WIRING CODE

COLOR	FUNCTION
RED	+5V
GREEN	RS485-A
BLACK	GND
BROWN	RS485-A
SHIELD	SHIELD

1.27MM PIN HEADER WIRING CODE

#PIN	COLOR	FUNCTION
1	RED	RX
2	BLACK	TX
3	YELLOW	DGND

SUNRISE INSTRUMENTS

www.srisensor.com

SINGLE AXIS TORQUE LOADCELL
D95MM, 140 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2212S8A

REV.
0.1