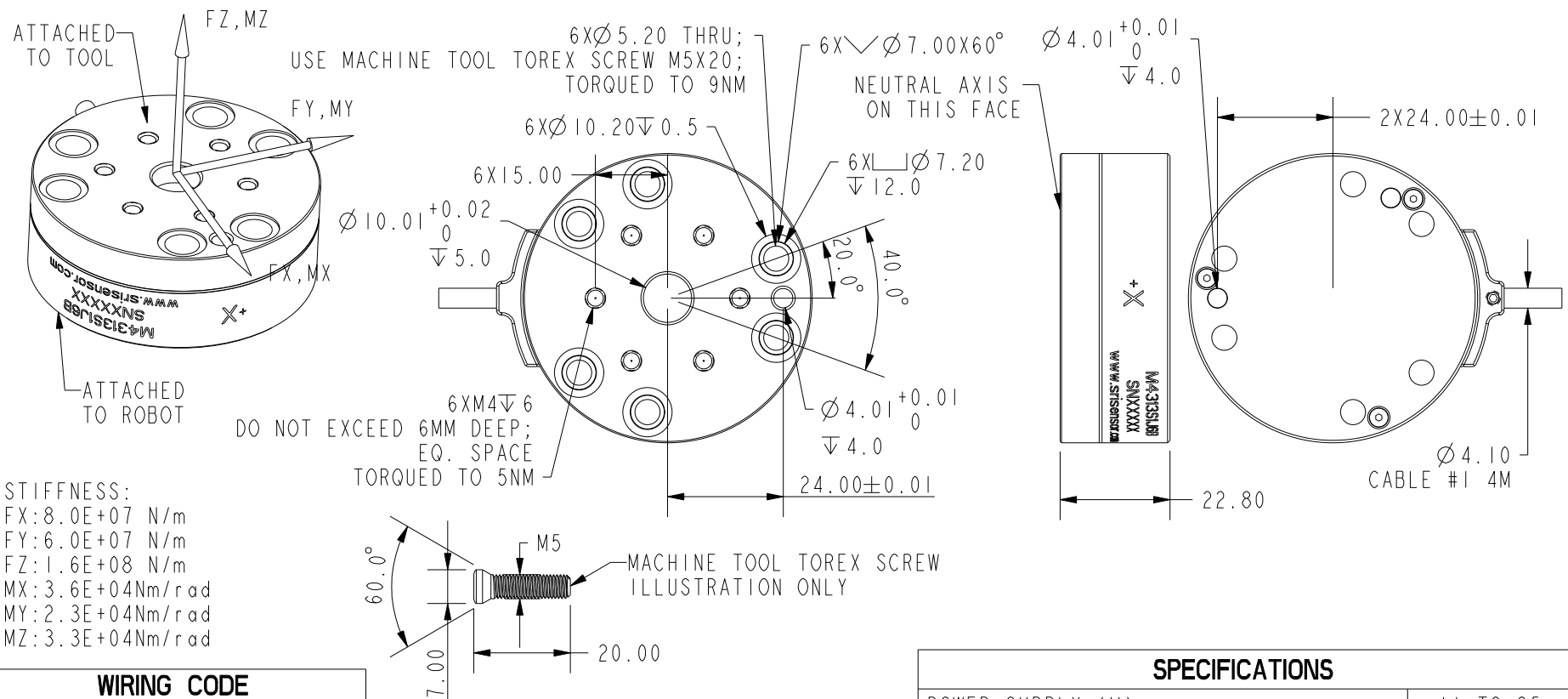




#### WIRING CODE

| NO. | FUNCTION | COLOR  |
|-----|----------|--------|
| 1.  | +24      | ORANGE |
| 2.  | GND      | BLACK  |
| 3.  | CAN_H    | YELLOW |
| 4.  | CAN_L    | GREEN  |
| 5.  | RS232_TX | BROWN  |
| 6.  | RS232_RX | GRAY   |

TO OBTAIN ACCURATE OUTPUT, BOTH SIDES OF THE SENSOR MUST BE MOUNTED WITH A METAL PLATE WITH MIN. 8MM THICK

IP PROTECTION: IP60

SUFFICIENT DYNAMIC RANGE FOR ZERO OFFSET UP TO 120% F.S.

PATENT NO.: 202322769210.4

|                                                                                                          | Fx    | Fy    | Fz    | Mx      | My      | Mz      |
|----------------------------------------------------------------------------------------------------------|-------|-------|-------|---------|---------|---------|
| CAPACITY                                                                                                 | 300N  | 300N  | 300N  | 60Nm    | 60Nm    | 60Nm    |
| OVERLOAD CAPACITY                                                                                        | 1500N | 1500N | 1500N | 120Nm   | 120Nm   | 120Nm   |
| PEAK-TO-PEAK NOISE = 6.6 X RMS NOISE (EFFECTIVE RESOLUTION)<br>NOISE IS MEASURED AT SAMPLING RATE 2000HZ |       |       |       |         |         |         |
| PEAK-TO-PEAK NOISE                                                                                       | 0.8N  | 0.7N  | 0.8N  | 0.015Nm | 0.015Nm | 0.016Nm |
| EFFECTIVE RESOLUTION                                                                                     | 0.12N | 0.11N | 0.12N | 0.002Nm | 0.002Nm | 0.002Nm |

#### SPECIFICATIONS

|                              |               |
|------------------------------|---------------|
| POWER SUPPLY (V)             | 11 TO 25      |
| OVERALL ACCURACY (%F.S.)     | 1.5           |
| OPERATING TEMP. RANGE (°C)   | -20 TO +80    |
| DIGITAL OUTPUT               | CAN OR RS232  |
| SAMPLING RATE (Hz)           | 2000          |
| FREE AIR RESONANT FREQ. (Hz) | 1060          |
| MASS (NOT INCLUDING CABLE)   | 115 $\pm$ 10g |

**SUNRISE INSTRUMENTS**

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

SIX AXIS CIRCULAR LOAD CELL  
D60MM, F300N, CAN OR RS232

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M4313S1J6B

REV.  
A