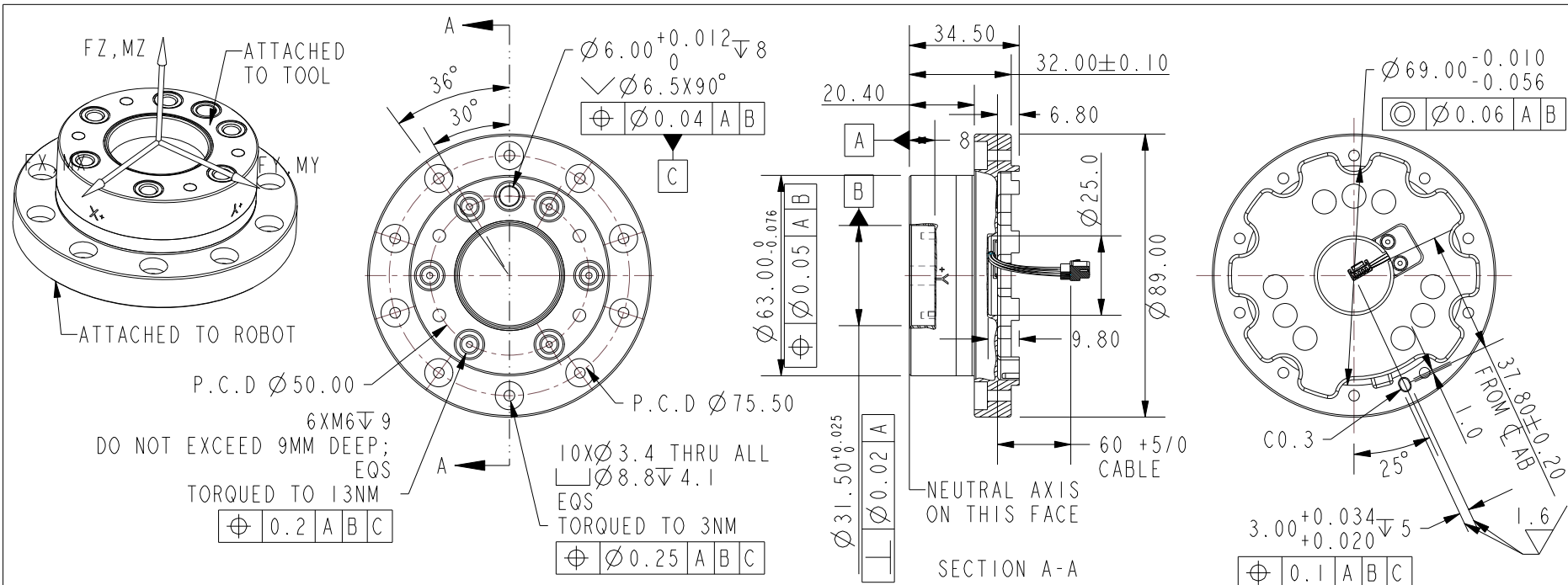


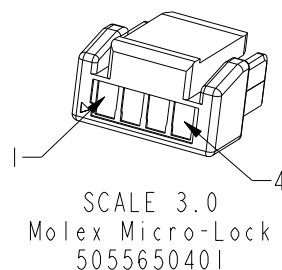


TO OBTAIN ACCURATE OUTPUT, BOTH SIDES OF THE SENSOR MUST BE MOUNTED WITH A METAL PLATE WITH MIN. 8MM THICK

IP PROTECTION: IP65

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

| WIRING CODE |              |          |                     |
|-------------|--------------|----------|---------------------|
| PIN #       | COLOR        | FUNCTION | MARK                |
| 1           | BLUE         | RS485A   | AWG#26<br>OD 0.95mm |
| 2           | WHITE/BLUE   | RS485B   |                     |
| 3           | ORANGE       | 23~25V   |                     |
| 4           | WHITE/ORANGE | GND      |                     |



| SPECIFICATIONS             |            |
|----------------------------|------------|
| POWER SUPPLY (V)           | 23 TO 25   |
| OVERALL ACCURACY (%F.S.)   | 1.5        |
| OPERATING TEMP. RANGE (°C) | -25 TO +55 |
| STORAGE TEMP. RANGE (°C)   | -40 TO +70 |
| DIGITAL OUTPUT             | RS485      |
| SAMPLING RATE (Hz)         | 2000       |
| MAIN MATERIAL              | STEEL      |
| MASS (g)                   | 385        |

**SUNRISE INSTRUMENTS**  
[www.srisensor.com](http://www.srisensor.com)

SIX AXIS CIRCULAR LOAD CELL  
D89MM, F630N, RS485 OUTPUT

|                          | Fx    | Fy    | Fz    | Mx    | My    | Mz    |
|--------------------------|-------|-------|-------|-------|-------|-------|
| <b>CAPACITY (N/Nm)</b>   | 630N  | 630N  | 630N  | 110Nm | 110Nm | 110Nm |
| <b>OVERLOAD CAPACITY</b> | 1890N | 1890N | 1890N | 330Nm | 330Nm | 330Nm |

PEAK-TO-PEAK NOISE = 6.6 X RMS NOISE (EFFECTIVE RESOLUTION)  
NOISE IS MEASURED AT SAMPLING RATE 2000HZ

|                      |                                              |
|----------------------|----------------------------------------------|
| PEAK-TO-PEAK NOISE   | ABOUT TWO TIMES OF M3635H4A6 (MEDIUM SENSOR) |
| EFFECTIVE RESOLUTION |                                              |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3635H4A9

REV.  
0.7