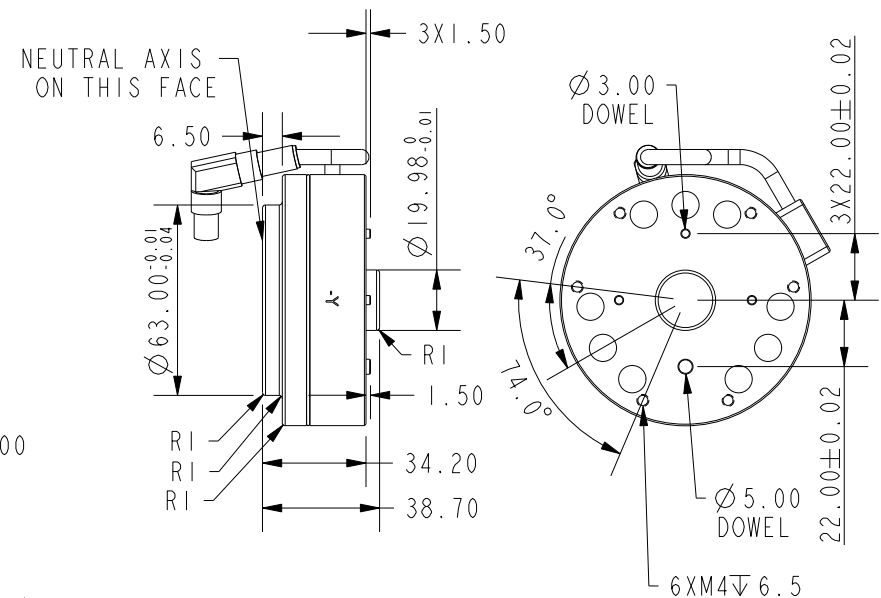
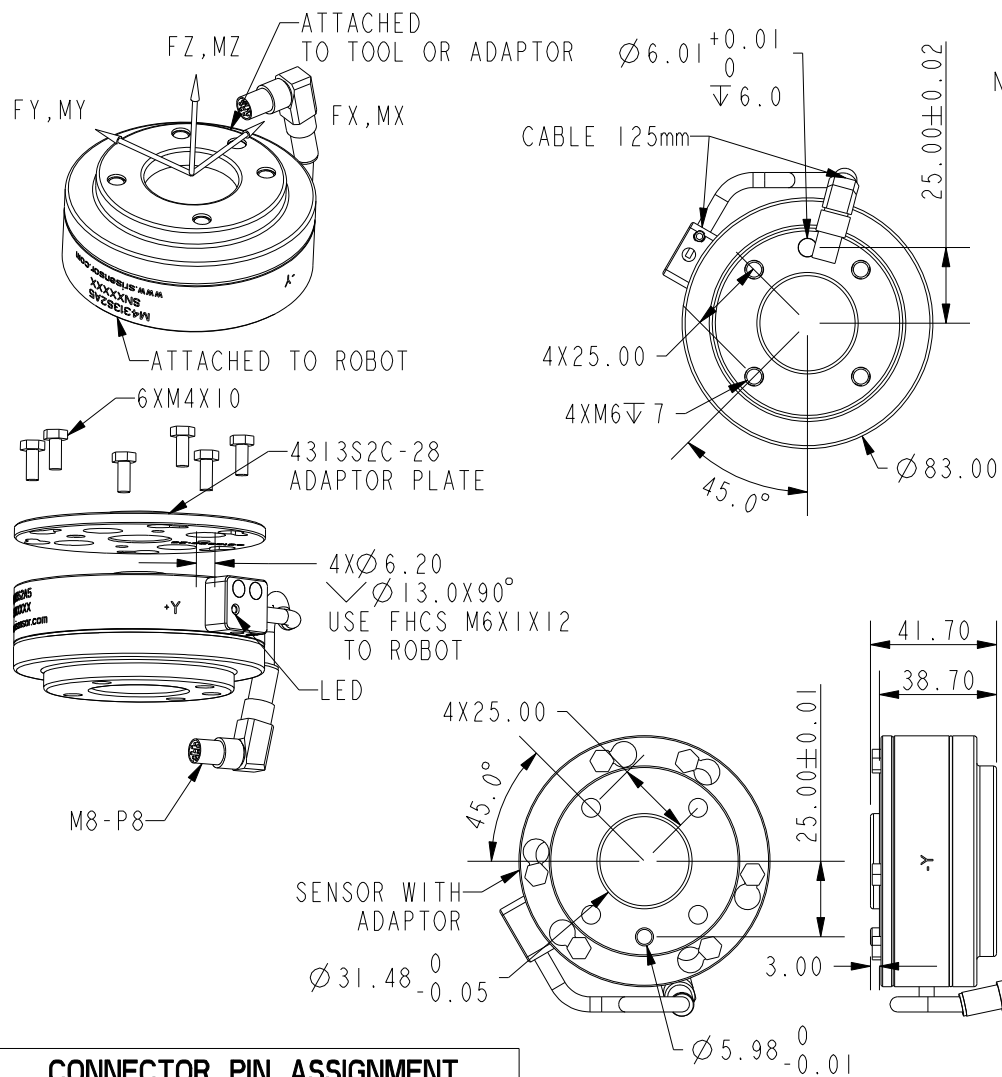




| SPECIFICATIONS                  |             |
|---------------------------------|-------------|
| EXCITATION MAX. (V)             | +24V        |
| CROSSTALK (%F.S.)               | 2           |
| NON-LINEARITY (%F.S.)           | 0.5         |
| HYSTERESIS (%F.S.)              | 0.5         |
| OPERATING TEMP. RANGE (°C)      | -40 TO +100 |
| COMPENSATED TEMP. RANGE (°C)    | 10 TO 70    |
| MASS (KG) NOT INCLUDING ADAPTOR | 0.4         |

|                                                                                        |           |             |
|----------------------------------------------------------------------------------------|-----------|-------------|
| <b>SUNRISE INSTRUMENTS</b><br><a href="http://www.srisensor.com">www.srisensor.com</a> |           |             |
| SIX AXIS CIRCULAR LOAD CELL<br>D83MM, DIGITAL (485) OUTPUT                             |           |             |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MM                                     | M4313S2A5 | REV.<br>0.1 |

| CONNECTOR PIN ASSIGNMENT |          |         |          |
|--------------------------|----------|---------|----------|
| PIN #                    | FUNCTION | PIN #   | FUNCTION |
| 1 RED                    | +24V     | 5 PINK  | RS485B   |
| 2 BLUE                   | RX       | 6 BROWN | NA       |
| 3 GREEN                  | TX       | 7 WHITE | NA       |
| 4 YELLOW                 | RS485A   | 8 GREY  | GND      |

| LED STATUS | SENSOR STATUS |
|------------|---------------|
| OFF        | POWER OFF     |
| FLIKER     | WORK PROPERLY |
| ON         | ABNORMAL      |

|                   | Fx    | Fy    | Fz    | Mx    | My    | Mz    |
|-------------------|-------|-------|-------|-------|-------|-------|
| CAPACITY (N/Nm)   | 250N  | 250N  | 250N  | 25Nm  | 25Nm  | 25Nm  |
| OVERLOAD CAPACITY | 1250N | 1250N | 1250N | 125Nm | 125Nm | 125Nm |