



### Sensor Cable Connector Definition

|              | Connector Model | Pin # | Function | Note |
|--------------|-----------------|-------|----------|------|
| Power Input  | DF62B-2EP-2.2C  | 1     | GND      |      |
|              |                 | 2     | VBAT     |      |
| EtherCAT IN  | DF62B-4EP-2.2C  | 4     | RXIN     |      |
|              |                 | 3     | RXIP     |      |
|              |                 | 2     | TXIN     |      |
|              |                 | 1     | TXIP     |      |
| Power Output | XT30U-F         | 1     | GND      |      |
|              |                 | 2     | VBAT     |      |
| EtherCAT OUT | GHR-05V-S       | 5     | RXIN     |      |
|              |                 | 4     | RXIP     |      |
|              |                 | 3     | TXIN     |      |
|              |                 | 2     | TXIP     |      |
|              |                 | 1     | GND      |      |

|                                 | Fx  | Fy  | Fz  | Mx | My | Mz |
|---------------------------------|-----|-----|-----|----|----|----|
| <b>CAPACITY (N/Nm)</b>          | 300 | 300 | 300 | 30 | 30 | 30 |
| <b>OVERLOAD CAPACITY (N/Nm)</b> | 900 | 900 | 900 | 90 | 90 | 90 |

### SPECIFICATIONS

|                                |            |
|--------------------------------|------------|
| EXCITATION (VDC)               | 48 V       |
| CROSSTALK (%F.S.)              | 2          |
| NON-LINEARITY (%F.S.)          | 0.5        |
| HYSTERESIS (%F.S.)             | 0.5        |
| COMPREHENSIVE ACCURACY (%F.S.) | 2.0        |
| OPERATING TEMP. RANGE (°C)     | -40 TO +90 |
| COMPENSATED TEMP. RANGE (°C)   | -10 TO 80  |
| MASS (KG)                      | 0.33       |

**SUNRISE INSTRUMENTS**

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

SIX AXIS CIRCULAR LOAD CELL  
D60MM F300N, ETHERCAT

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M4313Q4C6B

REV.  
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