



| SPECIFICATIONS | |
|--------------------------------------|---------------|
| EXCITATION MAX. (V) | +24V(11V~26V) |
| OVERLOAD CAPACITY (%F.S.) | 1000 |
| LOWEST FREE AIR RESONANT FREQ. (HZ.) | 400 |
| CROSSTALK - WITH ADJUSTMENT (%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) | 0.41 |

| M8 CONNECTOR PIN ASSIGNMENT | | | |
|-----------------------------|----------|---------|------------|
| PIN # | FUNCTION | PIN # | FUNCTION |
| 1 RED | RS485- | 5 PINK | 24V(11~26) |
| 2 BLUE | RS485+ | 6 BROWN | RX(RS232) |
| 3 GREEN | NA | 7 WHITE | TX(RS232) |
| 4 YELLOW | NA | 8 GREY | GND |

THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN.

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

| | Fx | Fy | Fz | Mx | My | Mz |
|------------------------|-----|-----|-----|----|----|----|
| CAPACITY (N/Nm) | 130 | 130 | 130 | 10 | 10 | 10 |

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS
D75MM, IP60, DIGITAL (485) OUTPUT

| | | |
|----------------------------------------------------|----------|-----------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM | M3815CA1 | REV. A |
|----------------------------------------------------|----------|-----------|