



THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

SPECIFICATIONS

| | |
|--------------------------------------|-------------|
| EXCITATION MAX. (V) | 10 |
| OVERLOAD CAPACITY (%F.S.) | 1000 |
| LOWEST FREE AIR RESONANT FREQ. (HZ.) | 750 |
| 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) | 0.41 |

| | Fx | Fy | Fz | Mx | My | Mz |
|----------------------------|---------|-----|-----|----|----|----|
| CAPACITY (N/Nm) | 130 | 130 | 130 | 10 | 10 | 10 |
| OUTPUT @ F.S.(mV/V) | COUPLED | | | | | |

LEMO PIN ASSIGNMENT

| PIN # | FUNCTION | PIN # | FUNCTION | PIN # | FUNCTION |
|-------|----------|-------|----------|-------|----------|
| 1 & 2 | GND | 7 | +CHN2 | 12 | -CHN4 |
| 3 | +E | 8 | -CHN2 | 13 | +CHN5 |
| 4 | | 9 | +CHN3 | 14 | -CHN5 |
| 5 | +CHN1 | 10 | -CHN3 | 15 | +CHN6 |
| 6 | -CHN1 | 11 | +CHN4 | 16 | -CHN6 |

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS
D75MM F130N, IP60

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3815C2

REV.
A