



**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)	0.41

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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3815CA2	REV. B
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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
<b>CAPACITY (N/Nm)</b>	130	130	130	10	10	10