



THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED EMBEDDED AMPLIFIER INLCUDED.

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	2500	2500	6250	400	400	400
<b>OUTPUT @ F.S.(V)</b>	6.8	6.8	6.3	6.5	6.5	5.6
<b>RESOLUTION (N/Nm)</b>	0.33	0.33	1.0	0.053	0.053	0.053

RESOLUTION IS DEFINED WITH VISIBLE CHANGE WHEN MINIMUM LOAD IS QUICKLY APPLIED OR REMOVED AT 200 HZ SAMPLING RATE WITH INTERFACE BOX M8128C6

**LEMMA PIN ASSIGNMENT**

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1 & 2	GND	7	+FY	12	-MX
3	+15V	8	-FY	13	+MY
4	-15V	9	+FZ	14	-MY
5	+FX	10	-FZ	15	+MZ
6	-FX	11	+MX	16	-MZ

**SPECIFICATIONS**

POWER SUPPLY (V)	$\pm$ 15V
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	1400
CROSSTALK - NO ADJUSTMENT (%F.S.)	5
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	5.8

**SUNRISE INSTRUMENTS**

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

SIX AXIS LOADCELL WITH OL STOPS & AMP  
D168MM F2500N, IP65

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3325C

REV.  
C