



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

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	3600	3600	9000	700	700	700
<b>OUTPUT @ F.S.(V)</b>	5	5	5	5	5	5

DIFFERENTIAL OUTPUT, COMMON MODE AT 0V  
POWER SUPPLY  $\pm$ 15V

**LEMO 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 ( $^{\circ}$ C)	-40 TO +100
COMPENSATED TEMP. RANGE ( $^{\circ}$ C)	10 TO 70
MASS (KG)	8.6

**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

M3336B

REV.  
B