



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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	130	130	130	10	10	10
OUTPUT @ F.S.(V)	5	5	5	5	5	5

LEMO PIN ASSIGNMENT

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

SPECIFICATIONS

POWER SUPPLY (V)	±15V
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

SUNRISE INSTRUMENTS

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SIX AXIS LOADCELL WITH OL STOPS & AMP
D75MM F130N, IP60

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3815C

REV.
A