



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
CAPACITY (N/Nm)	7200	7200	18000	1400	1400	1400
OUTPUT @ F.S.(MV/V)	0.7	0.7	1.2	2.5	2.5	1.3

LEMO PIN ASSIGNMENT

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

SPECIFICATIONS

EXCITATION (V) (TYP)	5V
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)	8.6

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS
D199MM F7200N, IP65

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4314S3A

REV.
0.1