



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

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY (N/Nm)	520N	520N	520N	56Nm	56Nm	56Nm
OUTPUT @ F.S.(mV/V)	COUPLED					
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)	5V
OVERLOAD CAPACITY (%F.S.)	1000
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
CROSSTALK (%F.S.)	2.0
RESOLUTION (WITH M8125, 16 BIT)	1/5000
RESONANT FREQ.(F _x ,F _y ,M _z) (HZ.)	1250
RESONANT FREQ.(F _z ,M _x ,M _y) (HZ.)	2220
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.56

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS
D100MM F520N, IP68

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3816E2P

REV.
A