



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

**SPECIFICATIONS**

POWER SUPPLY (V)	12-24V
OVERLOAD CAPACITY (%F.S.)	1000
NON-LINEARITY (%F.S.)	0.2
HYSTERESIS (%F.S.)	0.2
CROSSTALK (%F.S.)	1.0
RESOLUTION (WITH M8125, 16 BIT)	1/5000
RESONANT FREQ.(FX,FY,MZ) (HZ.)	510
RESONANT FREQ.(FZ,MX,MY) (HZ.)	810
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.69

	<b>Fx</b>	<b>Fy</b>	<b>Fz</b>	<b>Mx</b>	<b>My</b>	<b>Mz</b>
<b>CAPACITY (N/Nm)</b>	40N	40N	40N	3.5Nm	3.5Nm	3.5Nm
<b>OUTPUT @ F.S.(V)</b>	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

**SUNRISE INSTRUMENTS**  
[www.srisensor.com](http://www.srisensor.com)

SIX AXIS LOADCELL WITH OL STOPS & AMP  
 D100MM F40N, HIGH PRECISION VERSION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3816AH	REV. A
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