



LEMO CONNECTOR  
 EEG.2K.316.CLL  
 MATING CONNECTOR  
 FGG.2K.316.CLAD52Z

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

	<b>Fx</b>	<b>Fy</b>	<b>Fz</b>	<b>Mx</b>	<b>My</b>	<b>Mz</b>
<b>CAPACITY (N/Nm)</b>	260N	260N	260N	28Nm	28Nm	28Nm
<b>OUTPUT @ F.S.(V)</b>	COUPLE					

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)	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.(FX,FY,MZ) (HZ.)	1250
RESONANT FREQ.(FZ,MX,MY) (HZ.)	2220
OPERATING TEMP. RANGE (°C)	-40 TO +100
MASS (KG)	0.69

**SUNRISE INSTRUMENTS**  
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SIX AXIS LOADCELL WITH OL STOPS & AMP D100MM F260N, HIGH PRECISION VERSION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3816D1	REV. A
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