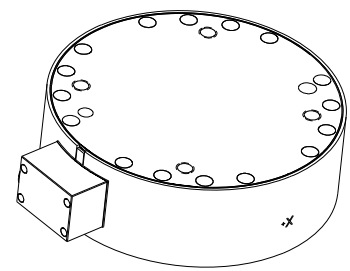


LEMO CONNECTOR
EEG.2K.316.CLL
MATING CONNECTOR
FGG.2K.316.CLAD52Z

THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED EMBEDDED AMPLIFIER INLCUED.



	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	3600	3600	9000	700	700	700
OUTPUT	ETHERCAT					
RESOLUTION (N/Nm)	0.49	0.49	1.5	0.093	0.093	0.093

SPECIFICATIONS	
POWER SUPPLY (V)	24V(15-30V)
Current (mA) nominal	120
Current (mA) peak	200
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	1400
CROSSTALK - NO ADJUSTMENT (%F.S.)	5
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2.5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +125
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	8.6

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

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS & AMP
D199MM F3600N, IP65

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4314K	REV. A
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