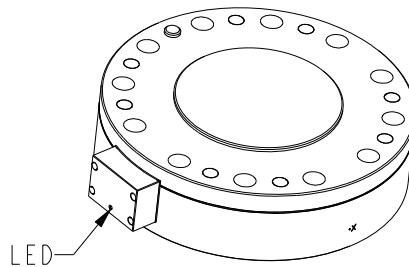


THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED EMBEDDED AMPLIFIER INLCUDED.

LED STATUS	SENSOR STATUS
OFF	POWER OFF
FLIKER	WORK PROPERLY
ON	ABNORMAL



	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	7200	7200	18000	1400	1400	1400
OUTPUT	ETHERCAT					
RESOLUTION (N/Nm)	0.98	0.98	3.0	0.186	0.186	0.186

CONNECTOR PIN ASSIGNMENT			
PIN # / COLOR	FUNCTION	PIN # / COLOR	FUNCTION
1 BLUE	+24V	5 WHITE/GREEN	RDP
2 WHITE/BLUE	GND	6 GREEN	RDN
3 WHITE/ORANGE	TDP	7 WHITE/BROWN	RX
4 ORANGE	TDN	8 BROWN	TX



### 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 (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	12.2

**SUNRISE INSTRUMENTS**

[www.srisensor.com](http://www.srisensor.com)

SIX AXIS LOADCELL WITH OL STOPS & AMP  
D232MM F7200N, IP65

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M4314LZ

REV.  
B