



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN  
 THE SENSOR HAS INTERNAL AMPLIFIER AND DATA ACQUISITION SYSTEM.

**Sensor Cable Connector Definition**

	Connector Model	Pin #	Function	Note
Power Input	DF62B-2EP-2.2C	1	GND	
		2	VBAT	
EtherCAT IN	DF62B-4EP-2.2C	4	RXIN	
		3	RXIP	
		2	TXIN	
Power Output	XT30U-F	1	GND	
		2	VBAT	
EtherCAT OUT	GHR-05V-S	5	RXIN	
		4	RXIP	
		3	TXIN	
		2	TXIP	
		1	GND	

**SPECIFICATIONS**

EXCITATION (VDC)	48 V
CROSSTALK (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
COMPREHENSIVE ACCURACY (%F.S.)	2.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	-10 TO 80
MASS (KG)	0.125

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

SIX AXIS CIRCULAR LOAD CELL  
 D60MM F100N, ETHERCAT

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	100	100	100	10	10	10
<b>OVERLOAD CAPACITY (N/Nm)</b>	300	300	300	30	30	30

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM  
 M4313Q4C2A  
 REV. A