



SPECIFICATIONS

EXCITATION MAX. (V)	+24V, 120MA
OVERLOAD CAPACITY (%F.S.)	300
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
COMPREHENSIVE ACCURACY (%F.S.)	0.5
REPEATABILITY ACCURACY (%F.S.)	0.1
ZERO DEVIATION (%F.S.)	5.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	-10 TO 80
MASS (KG)	0.15

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D57MM F200N, ETHERCAT OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4313P3C4A

REV.
A

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.

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200	200	200	8	8	8
OUTPUT (mV/V)	ETHERCAT					
BRIDGE RES. (Ω)	700	700	700	700	700	700