



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

SPECIFICATIONS	
EXCITATION MAX. (V)	5
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	4800
CROSSTALK (%F.S.)	2.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.042

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	NA	NA	400	NA	NA	NA
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	NA	NA	700	NA	NA	NA

WIRING CODE	
COLOR	FUNCTION
RED	+EXC
GREEN	+SIG
BLACK	-EXC
BROWN	-SIG

SUNRISE INSTRUMENTS
www.srisensor.com

UNIAXIAL CIRCULAR LOAD CELL
D35MM F400N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3733C2-1X	REV. A1
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