



POSITIVE OUTPUT WHEN THE LOADING IS APPLIED TO THE TOOL SIDE OF THE LAADCCELL, PER COORDINATE SYSTEM AS SHOWN

CHANNELS ARE COUPLED, AND DECOUPLED MATRIX ARE PROVIDED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	300.0	300.0	500.0	7	7	7
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	700	1400	700	1400	700	1400

SPECIFICATIONS	
EXCITATION MAX. (V)	7
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	2100
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.03

WIRING CODE (14-CONDUCTOR CABLE)								
NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION	NO.	COLOR	FUNCTION
1	GREEN	CH1+	6	BROWN-ST	CH3-	11	PURPLE	CH6+
2	GREEN-ST	CH1-	7	WHITE	CH4+	12	GREY	CH6-
3	YELLOW	CH2+	8	WHITE-ST	CH4-	13	RED	+E
4	YELLOW-ST	CH2-	9	ORANGE	CH5+	14	BLACK	-E
5	BROWN	CH3+	10	BLUE	CH5-			
XXXX-ST (e.g. GREEN-ST) - WITH SHRINK TUBE					SHIELD TO SENSOR BODY			

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
EXTRA THIN, D45MM F300N

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3553C	REV. D
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