



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

CHANNELS ARE COUPLED, AND DECOUPLED MATRIX ARE PROVIDED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	150.0	150.0	250.0	3.5	3.5	3.5
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	350	700	350	700	350	700

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 ($^{\circ}$ C)	-40 TO +90
COMPENSATED TEMP. RANGE ($^{\circ}$ 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 F150N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3553B1

REV.
B