



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
<b>CAPACITY (N/Nm)</b>	300.0	300.0	500.0	4.5	4.5	4.5
<b>OUTPUT (mV/V)</b>	COUPLED OUTPUT					
<b>BRIDGE RES. (<math>\Omega</math>)</b>	350	700	350	700	350	700

SPECIFICATIONS	
EXCITATION MAX. (V)	7
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	2560
CROSSTALK (%F.S.)	4.0
NON-LINEARITY (%F.S.)	1.5
HYSTERESIS (%F.S.)	1.5
OPERATING TEMP. RANGE ( $^{\circ}$ C)	-40 TO +90
COMPENSATED TEMP. RANGE ( $^{\circ}$ C)	10 TO 70
MASS (KG)	0.026

**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](http://www.srisensor.com)

SIX AXIS CIRCULAR LOAD CELL  
EXTRA THIN, COUPLED, D30MM F300N

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3552C1

REV.  
C