



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>	150.0	150.0	250.0	10.0	10.0	10.0
<b>OUTPUT (mV/V)</b>	COUPLED OUTPUT					
<b>BRIDGE RES. (<math>\Omega</math>)</b>	350	700	350	700	350	700

**WIRING CODE - TWISTED PAIR**

FUNC	CHN1	CHN2	CHN3	CHN4	CHN5	CHN6
+SIG	WHITE (BROWN)	ORG (BROWN)	BLUE (BROWN)	YEL (BROWN)	RED (BROWN)	WHITE (BLACK)
-SIG	BROWN (WHITE)	BROWN (ORG)	BROWN (BLUE)	BROWN (YEL)	BROWN (RED)	BLACK (WHITE)
+EXC	RED (BLACK)					
-EXC	BLACK (RED)					
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE (BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

**SPECIFICATIONS**

EXCITATION MAX. (V)	7
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	2500
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)	0.09

**SUNRISE INSTRUMENTS**

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

SIX AXIS CIRCULAR LOAD CELL  
EXTRA THIN, D90MM F150N

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M3555A

REV.  
A