



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.)	4500
CROSSTALK (%F.S.)	2.5
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)	0.52
<b>SUNRISE INSTRUMENTS</b>	
<a href="http://www.srisensor.com">www.srisensor.com</a>	
SIX AXIS CIRCULAR LOAD CELL, COUPLED D90MM F1600N	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3715C1
	REV. C

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	1600	1600	3200	112	112	112
<b>OUTPUT (mV/V)</b>	COUPLED					
<b>BRIDGE RES. (Ω)</b>	700	700	700	700	700	700
<b>MATERIAL CODE</b>	S10-00600-00					
<b>WIRING CODE - TWISTED PAIR</b>						
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	ORG(BLACK)	BLACK(ORG)	BLUE(BLACK)	BLACK(BLUE)	RED(BLACK)	BLACK(RED)
-EXC	YELLOW(BLACK)			BLACK(YELLOW)		
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						