



POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE SYSTEM AS SHOWN

OVERLOAD CAPACITY: FZ & MX & MY - 2 TIMES  
FX & FY & MZ - 2 TIMES

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N/Nm)</b>	20000	20000	20000	2500	2500	2500
<b>BRIDGE RES. (Ω)</b>	700	700	700	700	700	700

**WIRING CODE - TWISTED PAIR**

FUNC	FX	FY	FZ	MX	MY	MZ
+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						

**SPECIFICATIONS**

EXCITATION (V)	5V (TYP)
OVERLOAD CAPACITY (%F.S.)	SEE NOTE
FREE AIR RESONANT FREQ. (HZ.)	4000
CROSSTALK (%F.S.)	2.0
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)	5.9

**SUNRISE INSTRUMENTS**

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

SIX AXIS CIRCULAR LOAD CELL  
D150MM F30KN, IP65

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

M4342R8

REV.  
A