



THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. ALL CHANNELS ARE STRUCTURALLY DECOUPLED EMBEDDED AMPLIFIER INLCUDED.

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	2500	2500	6250	400	400	400
OUTPUT * F.S.(V)	2	2	2	2	2	2

DIFFERENTIAL OUTPUT, CENTERED AT 0V

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)
+6.9V	ORG(BLACK) & BLUE(BLACK) & BLACK(BLUE)					
-6.9V	BLACK(ORG)					
GND	RED(BLACK) & BLACK(RED) & YEL(BLACK) & BLACK(YEL)					
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

SPECIFICATIONS

POWER SUPPLY (V)	±6.9V
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	1400
CROSSTALK - NO ADJUSTMENT (%F.S.)	5
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	5.8

SUNRISE INSTRUMENTS
www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS & AMP
 D168MM F2500N, IP65

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3325C2	REV. C
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