



ALL CHANNELS ARE STRUCTURALLY DECOUPLED
 NO DECOUPLING ALGORITHM REQUIRED
 STANDARD DATA ACQUISITION SYSTEM CAN BE USED

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (KN)	50KN	50KN	50KN	NA	NA	NA
OUTPUT (mV/V)	2.5	2.5	0.5	NA	NA	NA
BRIDGE RES. (Ω)	350	350	350	NA	NA	NA
WIRING CODE - TWISTED PAIR WIRES						
Fx		Fy		Fz		
COLOR	FUNCTION	COLOR	FUNCTION	COLOR	FUNCTION	
RED(BLACK)	+EXC.	RED(BROWN)	+EXC.	ORANGE(BLACK)	+EXC.	
BLACK(RED)	-EXC.	BROWN(RED)	-EXC.	BLACK(ORANGE)	-EXC.	
YELLOW(BROWN)	+SIG.	BLUE(BROWN)	+SIG.	YELLOW(BLACK)	+SIG.	
BROWN(YELLOW)	-SIG.	BROWN(BLUE)	-SIG.	BLACK(YELLOW)	-SIG.	

SPECIFICATIONS	
EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	150
CROSSTALK (%F.S.)	3.0
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)	0.73

SUNRISE INSTRUMENTS
www.srisensor.com

3 AXIS SQUARE LOAD CELL
 50KN CAPACITY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3159F	REV. 0.2
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