



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

	Fx	Fy	Fz	Mx	My	Mz
<b>CAPACITY (N)</b>	8000	8000	8000	NA	NA	NA
<b>OUTPUT (mV/V)</b>	2.1	2.1	0.4	NA	NA	NA
<b>BRIDGE RES. (<math>\Omega</math>)</b>	350	350	350	NA	NA	NA

SPECIFICATIONS	
EXCITATION MAX. (V)	15
OVERLOAD CAPACITY (%F.S.)	150
CROSSTALK (%F.S.)	5.0
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE ( $^{\circ}$ C)	-40 TO +100
COMPENSATED TEMP. RANGE ( $^{\circ}$ C)	10 TO 70
MASS (KG)	1.0

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.

**SUNRISE INSTRUMENTS**  
[www.srisensor.com](http://www.srisensor.com)

THREE AXIS FOOT LOAD CELL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3627A	REV. A
--	--------	-----------