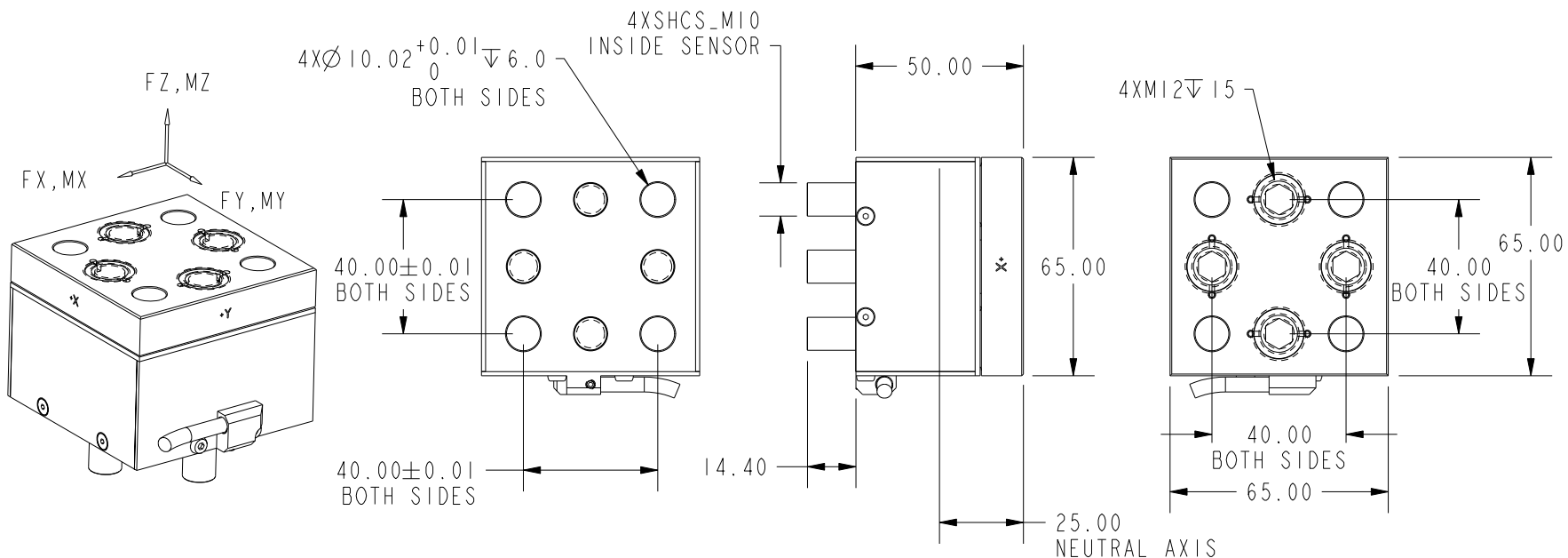




ALL CHANNELS ARE STRUCTURALLY DECOUPLED
NO DECOUPLING ALGORITHM REQUIRED
STANDARD DATA ACQUISITION SYSTEM CAN BE USED

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)	1.1

SUNRISE INSTRUMENTS	
www.srisensor.com	
3 AXIS SQUARE LOAD CELL 100KN CAPACITY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3159G
REV.	0.1

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (KN)	100KN	100KN	100KN	NA	NA	NA
OUTPUT (mV/V)	3.2	3.2	0.6	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.	