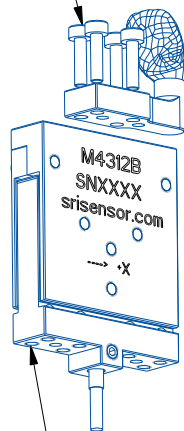


FZ, MZ
FY, MY
FX, MX

4XSHCS M2
SECURE TOOTH



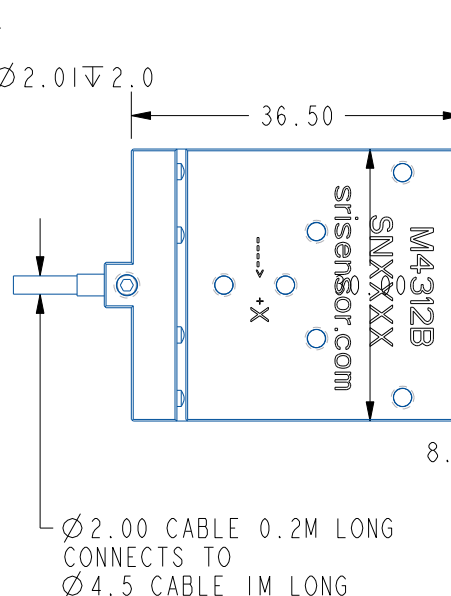
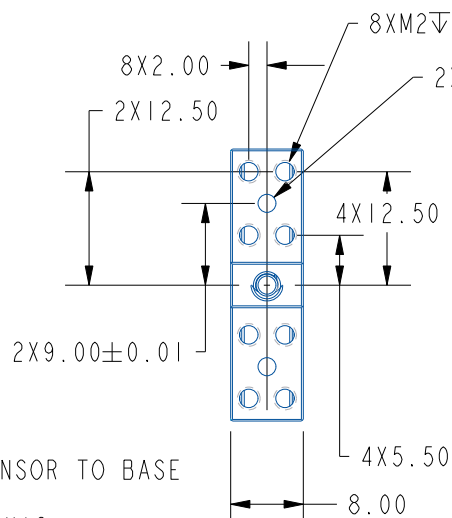
8XM2 4
SECURE SENSOR TO BASE

15.50 NEUTRAL AXIS

17.00 NEUTRAL AXIS

POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO
THE UPPER PORTION PER COORDINATE SYSTEM

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN
EACH COMPONENT



SPECIFICATIONS

EXCITATION MAX. (V)	5
OVERLOAD CAPACITY (%F.S.)	300
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)	0.038

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
8MM THICK, F80N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4312B

REV.
B

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)
+EXC	RED(BLACK)			BLACK(RED)		
-EXC	YELLOW(BLACK)			BLACK(YELLOW)		

"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	80	80	80	1.2	1.2	1.2
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	350	350	350	350	350	350