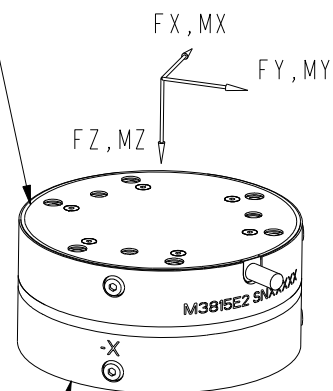
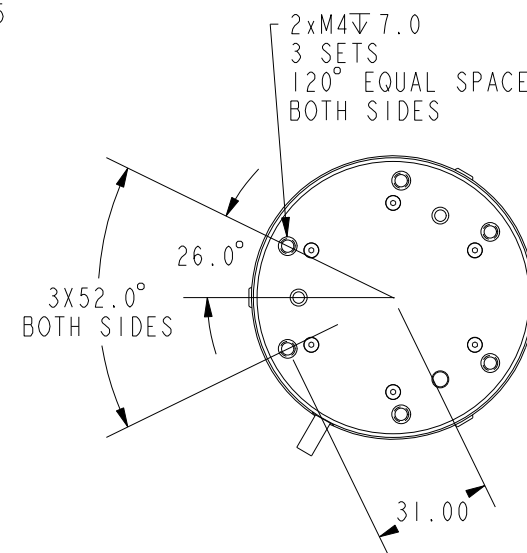
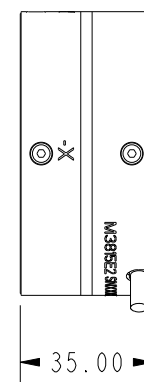
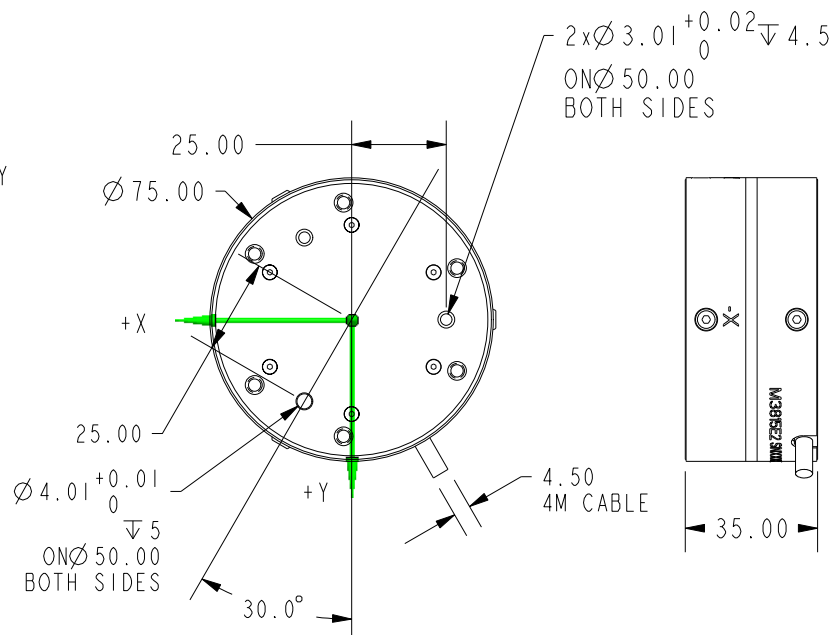


MOUNTING ROBOT ARM
TO THIS SIDE



MOUNTING TOOL
TO THIS SIDE



SPECIFICATIONS

EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	950
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.29

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS & AMP
D75MM F520N, IP60

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3815E2

REV.
A

THE OUTPUT IS POSITIVE WHEN THE LOAD IS
APPLIED TO THE TOOL SIDE PER COORDINATE AS
SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	520	520	520	40	40	40
OUTPUT (mV/V)	COUPLED					
BRIDGE RES. (Ω)	1400	700	1400	700	1400	700

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	ORG(BLACK)	BLACK(ORG)	BLUE(BLACK)	BLACK(BLUE)	RED(BLACK)	BLACK(RED)
-EXC	YELLOW(BLACK)			BLACK(YELLOW)		

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