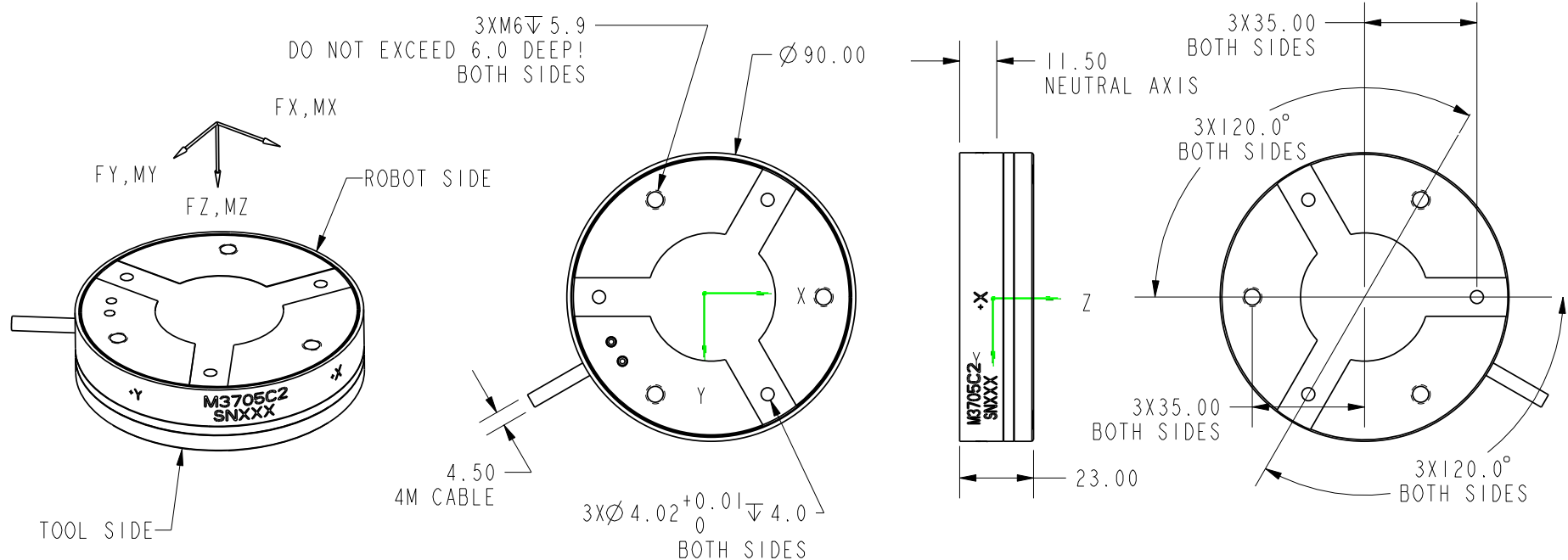




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

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

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200	200	400	14	14	14
OUTPUT (V)	±10V, DIFFERENTIAL COMMON 0V					

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)
POWER SUPPLY	ORG(BLACK)	BLACK(ORG)	BLUE(BLACK)	BLACK(BLUE)	RED(BLACK)	BLACK(RED)
GND	YELLOW(BLACK)			BLACK(YELLOW)		
"YEL"="YELLOW", "ORG"="ORANGE", "WHITE(BROWN)" = WHITE CABLE IN WHITE/BROWN PAIR						

SPECIFICATIONS

POWER SUPPLY (V)	24
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	2000
CROSSTALK (%F.S.)	2.5
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)	0.229

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D90MM F200N, WITH AMPLIFIER

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3705C2

REV.
A