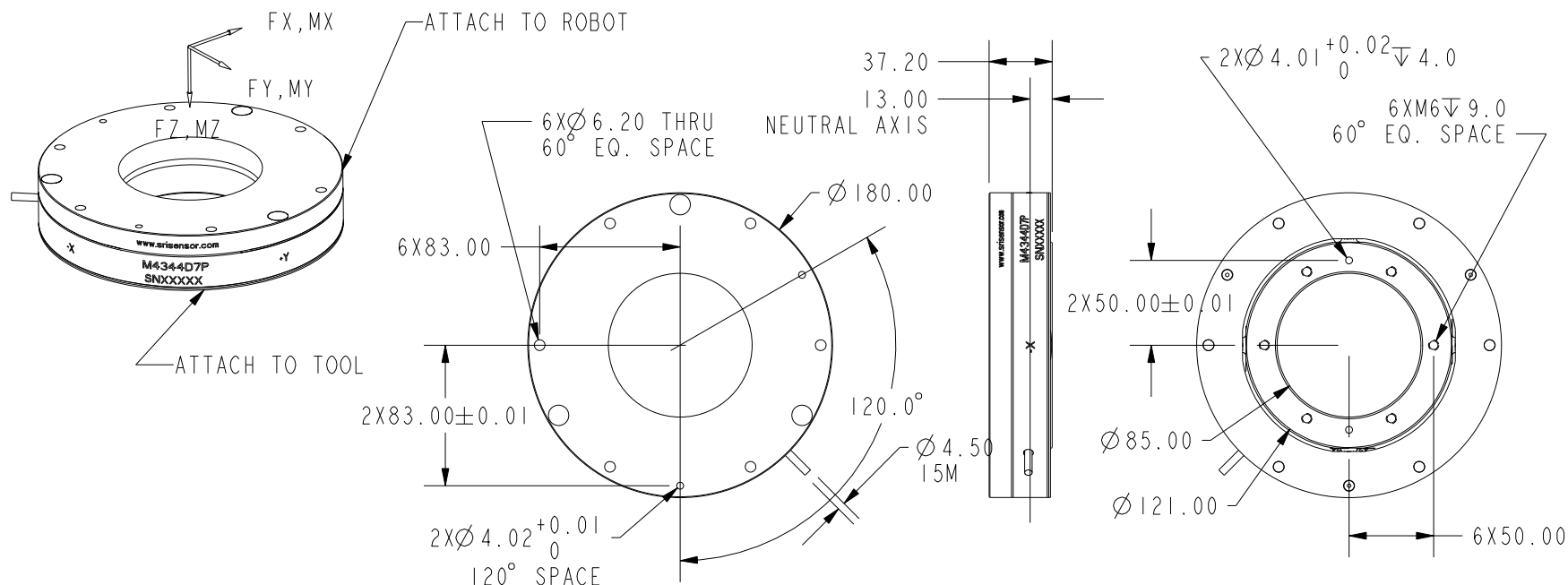




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

IP68

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

	F _x	F _y	F _z	M _x	M _y	M _z
CAPACITY (N/Nm)	3200N	3200N	3200N	480Nm	480Nm	480Nm
OUTPUT (V)	COUPLED					

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						

SPECIFICATIONS

POWER SUPPLY (V)	5V
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	1800
CROSSTALK (%F.S.)	3.0
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)	3.1

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D180MM F3200N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4344D7P

REV.
A