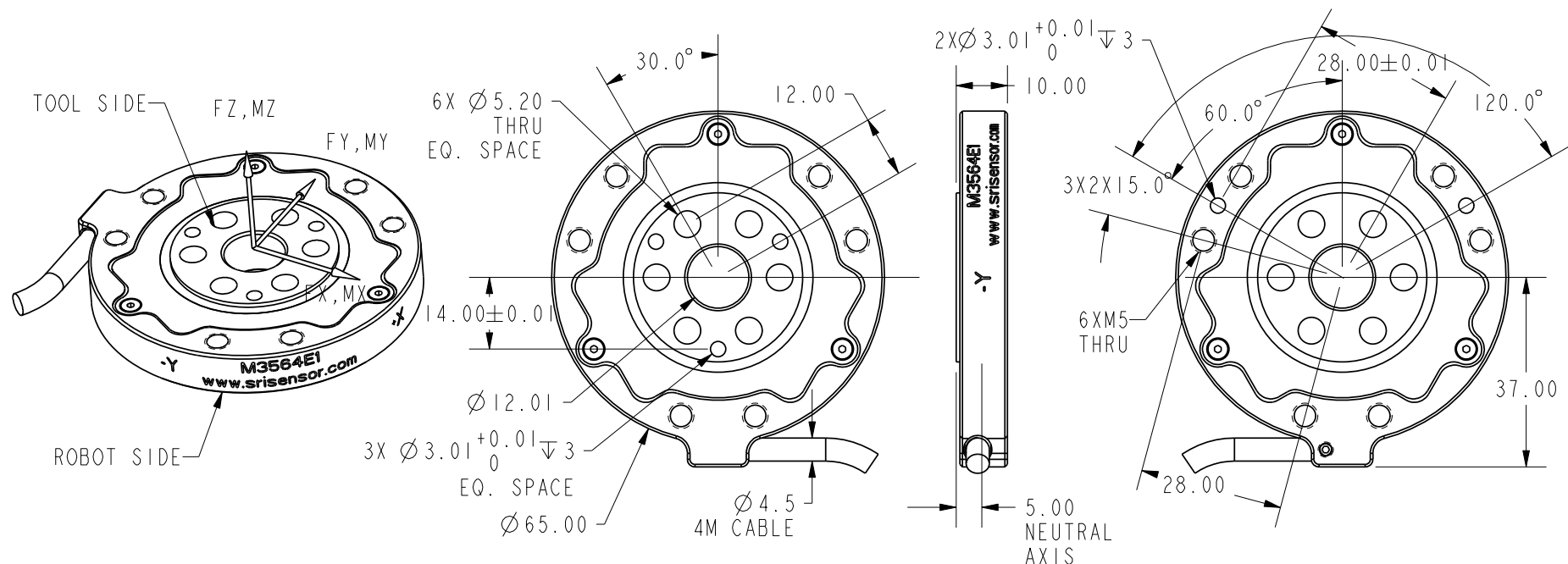




POSITIVE OUTPUT WHEN THE LOADING IS APPLIED TO THE TOOL SIDE OF THE LAODCELL, PER COORDINATE SYSTEM AS SHOWN

CHANNELS ARE COUPLED, AND DECOUPLED MATRIX ARE PROVIDED

SPECIFICATIONS	
EXCITATION MAX. (V)	10
OVERLOAD CAPACITY (%F.S.)	200
FREE AIR RESONANT FREQ. (HZ.)	3100
OVERALL ACCURACY (%F.S.)	1.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	0.16

SUNRISE INSTRUMENTS	
www.srisensor.com	
SIX AXIS CIRCULAR LOAD CELL EXTRA THIN, HIGH PRECISION, D65MM F2500N	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M3564E1 REV. 0.1

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	2500.0	2500.0	5000.0	200.0	200.0	100.0
OUTPUT (mV/V)	COUPLED OUTPUT					
BRIDGE RES. (Ω)	700	700	700	700	700	700

WIRING CODE - TWISTED PAIR

FUNC	CHN1	CHN2	CHN3	CHN4	CHN5	CHN6	CHN7	CHN8	CHN9
+SIG	WT(BN)	OG(BN)	BL(BN)	YL(BN)	RD(BN)	WT(BK)	OG(BK)	BL(BK)	YL(BK)
-SIG	BN(WT)	BN(OG)	BN(BL)	BN(YL)	BN(RD)	BK(WT)	BK(OG)	BK(BL)	BK(YL)
+EXC	RD(BK)								
-EXC	BK(RD)								

WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED,
BK=BLACK, "WT(BN)" = WHITE CABLE IN WHITE/BROWN PAIR