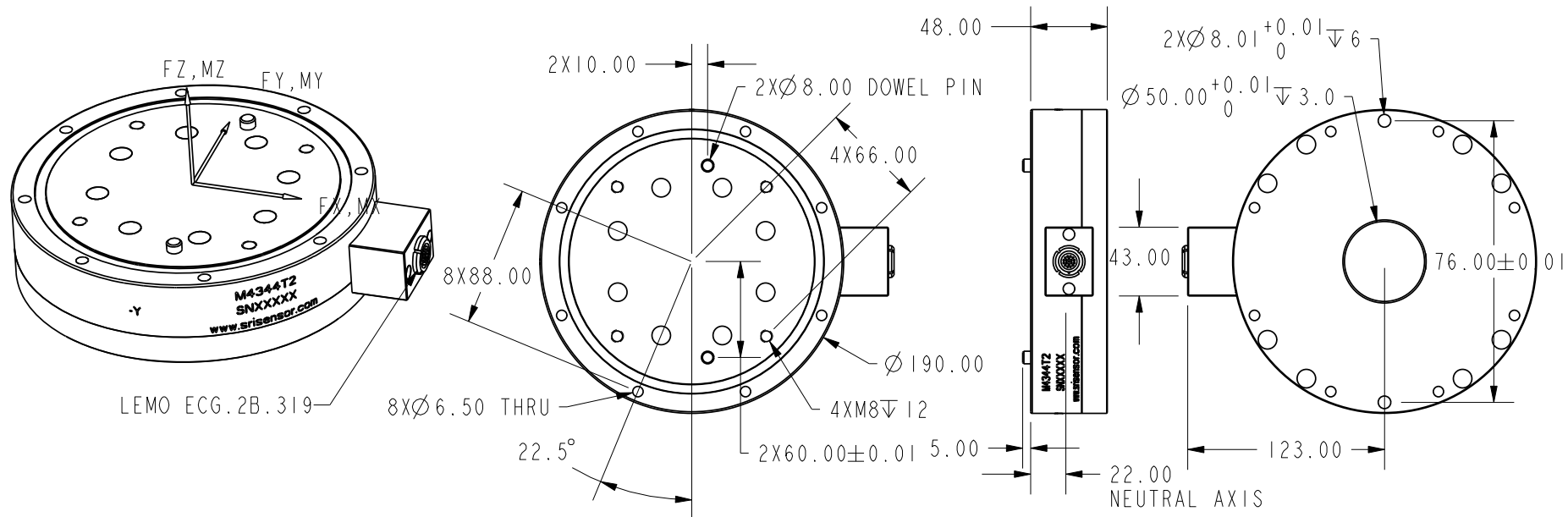




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

SPECIFICATIONS

POWER SUPPLY (V)	24V
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	3500
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	1.0
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-40 TO +90
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	6.2

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	CH1+ WT(BN)	6	CH3- BN(BL)	11	CH6+ WT(BK)
2	CH1- BN(WT)	7	CH4+ YL(BN)	12	CH6- BK(WT)
3	CH2+ OG(BN)	8	CH4- BN(YL)	13	CH7+ OG(BK)
4	CH2- BN(OG)	9	CH5+ RD(BN)	14	CH7- BK(OG)
5	CH3+ BL(BN)	10	CH5- BN(RD)	15	CH8+ BL(BK)
16	CH8- BK(BL)	17	NA	SHIELD TO CONNECTOR SHELL	
18	+EX RD(BK)+BK(RD)	19	GND YL(BK)+BK(YL)		

WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED, BK=BLACK

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS ROBOT BASE LOAD CELL
D190MM F1600N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4344T2

REV.
A