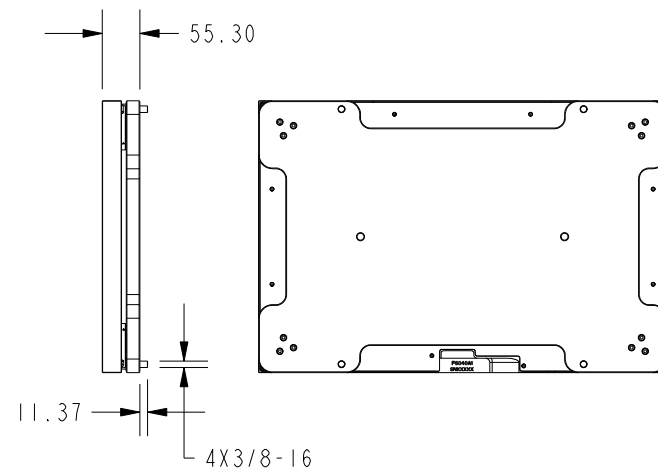
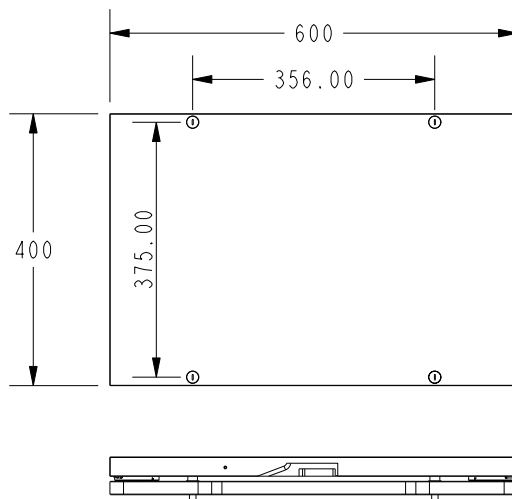
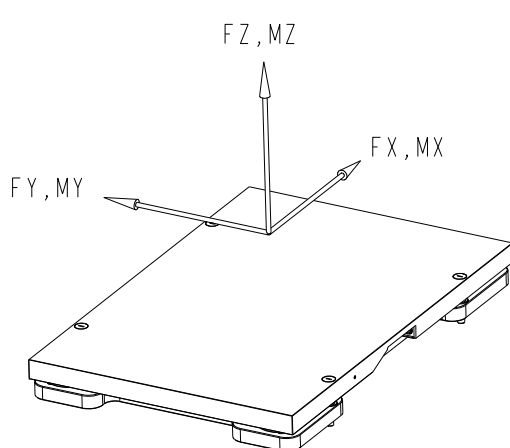




POSITIVE OUTPUT WHEN THE LOADING IS APPLIED TO
FORCE PLATE, PER COORDINATE SYSTEM AS SHOWN

TRIGGER LINES ARE USED TO SYNCHRONIZE
DATA FROM MULTIPLE FORCE PLATE.

ETHERNET OUTPUT, SAMPLING RATE 2K

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	2.5kN	2.5kN	5kN	1100Nm	1300Nm	500Nm
OUTPUT(V)	$\pm 2.5V$ ($V_{ref}=0V$)					
Communication	Ethernet & RS232					

MATING CONNECTOR ECG1B.316.CLL

PIN	FUNCTION	COLOR	PIN	FUNCTION	COLOR
1	+24V	RED & BLACK	9	RX	YELLOW(BLACK)
2	GND	WHITE & BLACK	10	TX	BLACK(YELLOW)
	TRIG_GND	BROWN(YELLOW)	11	FX	WHITE(BROWN)
3	TXP	ORANGE(BLACK)	12	FY	ORANGE(BROWN)
4	TXN	BLACK(ORANGE)	13	FZ	BLUE(BROWN)
5	RXP	BLUE(BLACK)	14	MX	BROWN(WHITE)
6	RXN	BLACK(BLUE)	15	MY	BROWN(ORANGE)
7	COM_AGND	RED & BROWN	16	MZ	BROWN(BLUE)
8	TRIG-	YELLOW(BROWN)			

SPECIFICATIONS

OVERLOAD CAPACITY (%F.S.)	250
FREE AIR RESONANT FREQ. (HZ.) - X,Y	400
FREE AIR RESONANT FREQ. (HZ.) - Z	200
CROSSTALK (%F.S.)	0.5
NON-LINEARITY (%F.S.)	0.3
HYSTERESIS (%F.S.)	0.3
MAX. COP ERROR (mm) - AX, AY	2.0
OPERATING TEMPERATURE RANGE (°C)	-20 TO 70
INGRESS PROTECTION	IP52
MASS (KG)	28.6

SUNRISE INSTRUMENTS
www.srisensor.com

6 AXIS FORCE PLATE 600X400MM,
5KN, ETHERNET OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

F6040A1

REV.
A