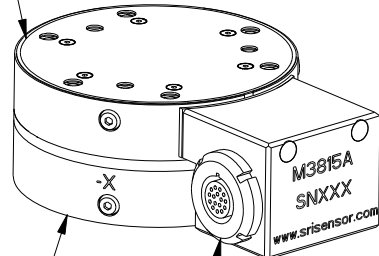


MOUNTING ROBOT ARM
TO THIS SIDE

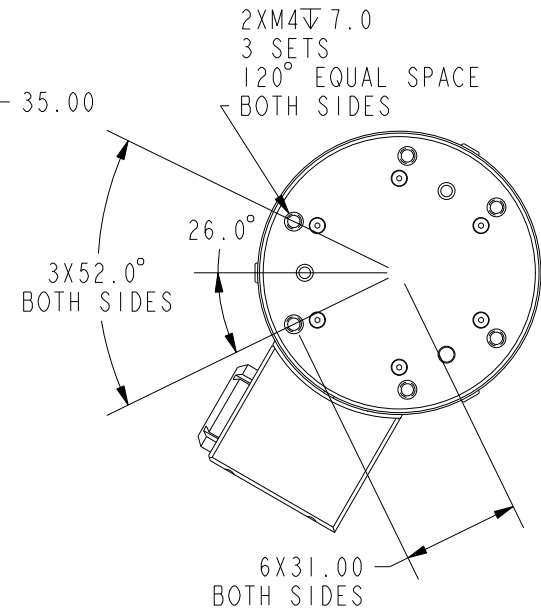
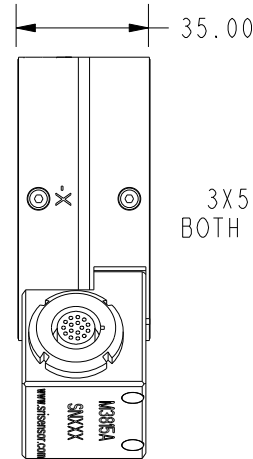
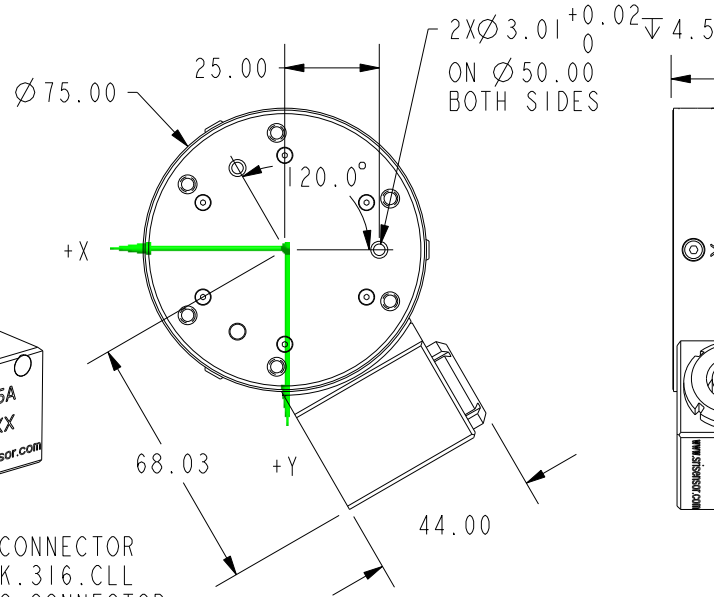
FX, MX
FY, MY

FZ, MZ



LEM0 CONNECTOR
EEG.2K.316.CLL
MATING CONNECTOR
FGG.2K.316.CLAD52Z

MOUNTING TOOL
TO THIS SIDE



THE OUTPUT IS POSITIVE WHEN THE LOAD IS APPLIED TO THE TOOL SIDE PER COORDINATE AS SHOWN. A 6X6 MATRIX IS PROVIDED FOR DECOUPLING

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	40	40	40	3	3	3
OUTPUT @ F.S.(V)	5	5	5	5	5	5

LEM0 PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1 & 2	GND	7	+CHN2	12	-CHN4
3	+15V	8	-CHN2	13	+CHN5
4	-15V	9	+CHN3	14	-CHN5
5	+CHN1	10	-CHN3	15	+CHN6
6	-CHN1	11	+CHN4	16	-CHN6

SPECIFICATIONS

POWER SUPPLY (V)	±15V
OVERLOAD CAPACITY (%F.S.)	1000
LOWEST FREE AIR RESONANT FREQ. (HZ.)	400
CROSSTALK - WITH ADJUSTMENT (%F.S.)	2
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)	0.41

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS LOADCELL WITH OL STOPS & AMP
D75MM F40N, IP60

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M3815A

REV.
A