

# FUTEK MODEL MBA400

# BI-AXIAL LOAD ARM

(PREVIOUSLY L3010)

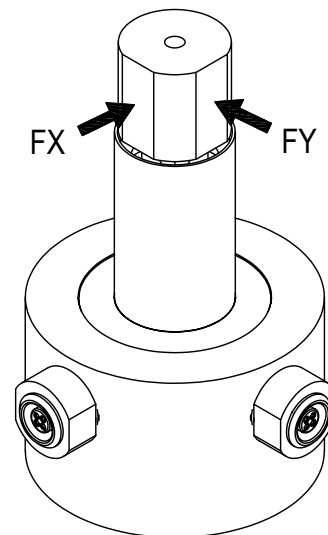
Drawing Number: FI1230-A

INCH [mm] | R.O.= Rated Output

WIRING CODE (CC 4)

+Excitation -Excitation +Signal -Signal

RED BLACK GREEN WHITE

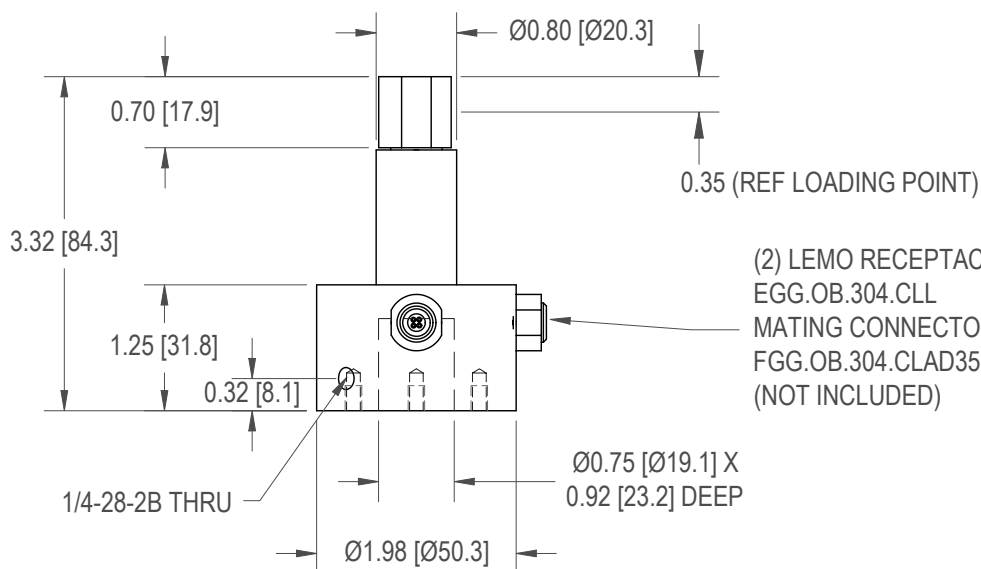


4 x #8-32 X 0.25 [6.4] DEEP  
EQUALLY SPACED ON  
1.25 [31.8] B.C.D. (FAR SIDE)

#8-32 X 0.37 [9.4] DEEP

2 x 0.34 FLAT [8.8]

Ø0.75 [Ø19.0]



(2) LEMO RECEPTACLE  
EGG.OB.304.CLL  
MATING CONNECTOR  
FGG.OB.304.CLAD35  
(NOT INCLUDED)

## SPECIFICATIONS:

RATED OUTPUT

CAPACITY

SAFE OVERLOAD

ZERO BALANCE

EXCITATION (VDC OR VAC)

BRIDGE RESISTANCE

NONLINEARITY

TEMP. SHIFT ZERO

TEMP. SHIFT SPAN

COMPENSATED TEMP.

OPERATING TEMP.

WEIGHT

MATERIAL

CONNECTOR: 4 Pin Lemo Receptacle (EGG.OB.304.CLL)

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD) FX and FY

CALIBRATION (AVAILABLE)

CALIBRATION TEST EXCITATION

SEE CHART

SEE CHART

150% of R.O.

1% of R.O.

18 MAX

350  $\Omega$  nom.

$\pm 0.1\%$  of R.O.

$\pm 0.025\%$  of R.O./F° (0.045% of R.O./C°)

$\pm 0.01\%$  of LOAD/F (0.018% of LOAD /C°)

60 to 160°F (16 to 71°C)

-60 to 200°F (-51 to 93°C)

16 oz (454 g)

STAINLESS STEEL

5 pt TENSION; 60.4K  $\Omega$  (50 lb), 43.575K  $\Omega$  (200 lb) SHUNT CAL. VALUE

COMPRESSION

10 VDC

STOCK NO:	CAPACITIES		R.O. (nom.)
	lb	N	
FSH01071	50	223	2 mV/V
FSH01070	200	890	3 mV/V

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**FUTEK**  
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