

FUTEK MODEL MBA400

Bi-Axial Load Arm, Submersible

ITEM NUMBER: QSH01643



SCIGATE AUTOMATION (S) PTE LTD

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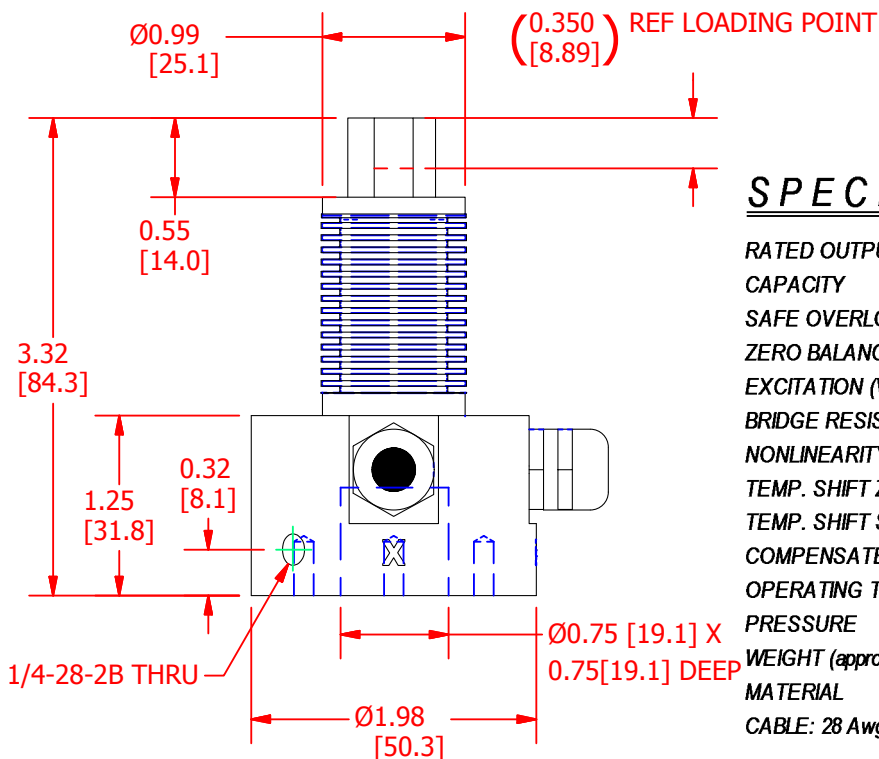
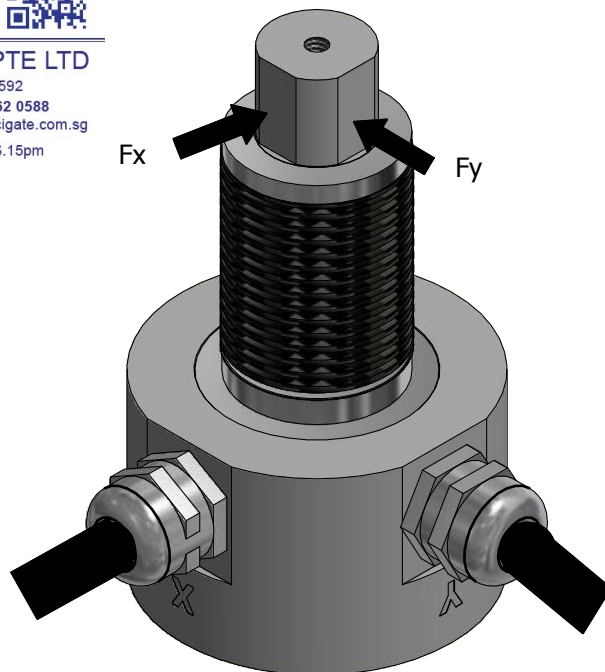
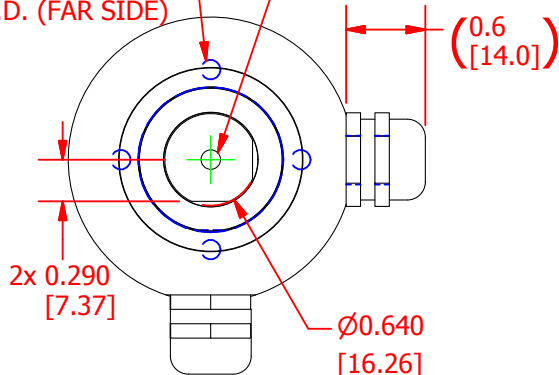
Business Hours: Monday - Friday 8.30am - 6.15pm

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

WIRING CODE

+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield	+ Sense	- Sense	
Floating	ORANGE	BLUE	

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



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	50 lb [0.222kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.025% of R.O./°F (±0.045 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
PRESSURE	75 psig MAX
WEIGHT (approx)	1 lb
MATERIAL	17-4ph S.S. Flexure
CABLE	28 Awg, 6 Conductor Braided Shielded Polyurathane Cable, 20 ft Long

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES

DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M

REMOVE BURRS AND BREAK SHARP EDGES .005 - .015

THREADS PER HANDBOOK H-28

DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:

± 1/2°

CHAMFER:

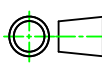
± 5°

TOLERANCE:

.X ± 0.1"

.XX ± 0.01"

.XXX ± 0.005"



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FUTEK

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MODEL: **MBA400**

DWG No.: **FO1338**

DRAWN BY: *E. Pano*

CREATED DATE: 1/31/2013

APPROVED BY:

APPROVED DATE:

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1