

FUTEK MODEL LPM200

PANEL MOUNT LOAD CELL

Drawing Number: FI1313-B

INCH [mm] R.O. = Rated Output

WIRING CODE WC1

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



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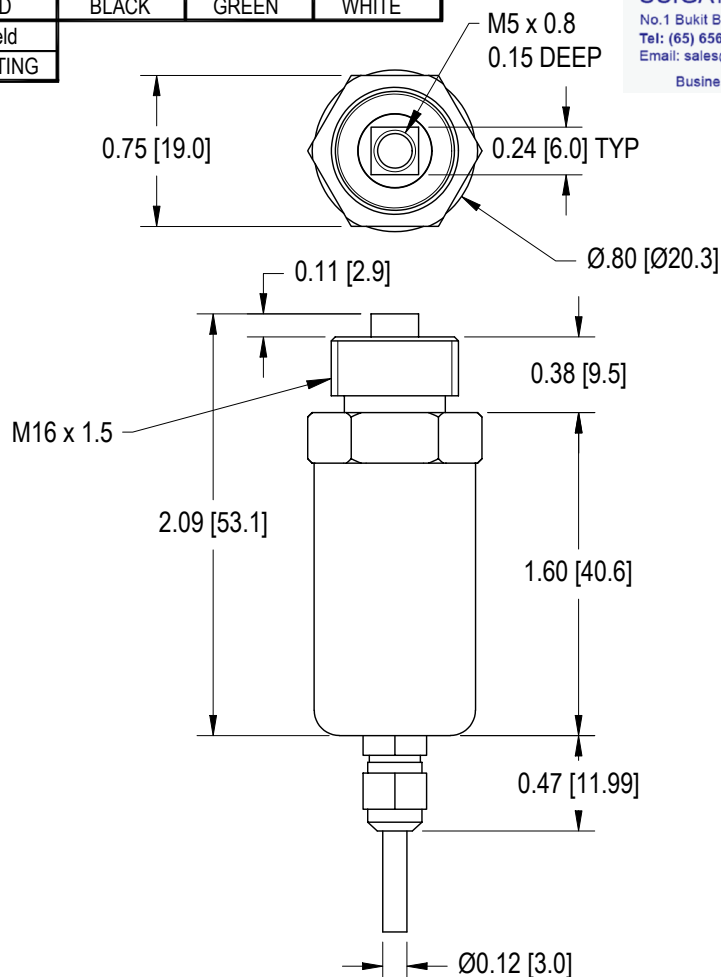
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+OUTPUT
(TENSION)

-OUTPUT
(COMPRESSION)



SPECIFICATIONS:

RATED OUTPUT

SAFE OVERLOAD

ZERO BALANCE *

EXCITATION (VDC OR VAC)

BRIDGE RESISTANCE

NONLINEARITY

HYSTERESIS

NONREPEATABILITY

TEMP. SHIFT ZERO

TEMP. SHIFT SPAN

COMPENSATED TEMP.

OPERATING TEMP.

MATERIAL

WEIGHT

DEFLECTION

CABLE: #28 Awg 4 COND. BRAIDED SHIELDED CLEAR PVC CABLE 10ft [3m]. LONG

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)

CALIBRATION (AVAILABLE)

CALIBRATION TEST EXCITATION

* ZERO BALANCE IS BASED ON LAYING SENSOR ON ITS SIDE (THREADS HORIZONTAL)

SEE CHART

1000% of R.O.

±3% of R.O.

10 Max

SEE CHART

±0.1% of R.O.

±0.1% of R.O.

±0.05% of R.O.

±0.01% of R.O./°F [0.018% of R.O./°C]

±0.02% of LOAD/°F [0.036% of LOAD/°C]

60 to 160°F [15 to 72°C]

-60 to 200°F [-50 to 93°C]

ALUMINUM

1.5 oz [43 g]

0.003-0.005 [0.07-0.13]

5 pt COMPRESSION

TENSION

5 VDC

Item #	Capacity lb (N)	R.O. (nom.)	BRIDGE RESISTANCE	SHUNT CAL. VALUE
FSH03395	10g (0.1)	0.5 mV/V		301K Ω
FSH03396	20g (0.2)	1 mV/V		
FSH03397	50g (0.5)	2 mV/V	1000 Ω nom.	150K Ω
FSH03398	100g (1.0)			
FSH03399	250g (2.5)			
FSH03400	1 (4.5)		350 Ω nom.	60.4K Ω
FSH03401	2 (8.9)			
FSH03402	5 (22.2)			

Suggested Mounting Application

