

FUTEK MODEL L1660

COMPACT UNIVERSAL LOAD CELL

Drawing Number: F2736-02

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

WIRING CODE (CC5)

+Excitation	-Excitation	+Signal	-Signal
RED PIN '1'	BLACK PIN '2'	GREEN PIN '3'	WHITE PIN '4'

1/4-28 UNF-2B
X 0.37 [9.4] DEEP
(BOTH ENDS)

0.9 [24.1]

NON LOADING SURFACE
DO NOT CONTACT

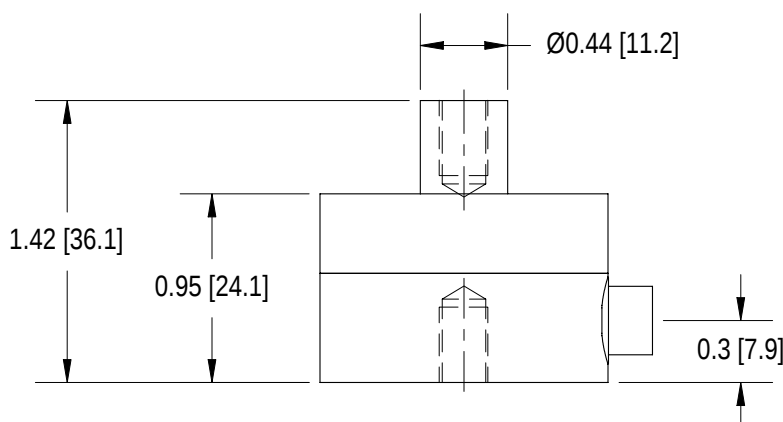
Ø1.45 [Ø36.8]

+OUTPUT
(TENSION)

FUTEK
LABEL

ID. #

HIROSE RECEPTACLE
HR10-7R-6S
MATING CONNECTOR
HR10-7P-6P
(NOT INCLUDED)



SPECIFICATIONS:

RATED OUTPUT
CAPACITY lb
N

2 mV/V nom.
25 , 50 , 100 , 250 , 500
111, 222, 445, 1112, 2224

SAFE OVERLOAD
ZERO BALANCE
EXCITATION (VDC OR VAC)
BRIDGE RESISTANCE
NONLINEARITY
HYSTERESIS
NONREPEATABILITY
TEMP. SHIFT ZERO
TEMP. SHIFT SPAN
COMPENSATED TEMP.
OPERATING TEMP.
WEIGHT
MATERIAL
DEFLECTION

150% of R.O.
±1% of R.O.
20 MAX
700 Ω nom.
±0.15% of R.O.
±0.15% of R.O.
±0.05% of R.O.
±0.01% of R.O./°F [0.018% of R.O./°C]
±0.01% of LOAD/°F [0.018% of LOAD/°C]
60 to 160°F [15 to 72°C]
-40 to 185°F [-40 to 85°C]
6 oz [168 g]
17-4PH S.S.
0.005 [0.13] nom.

CONNECTOR: HIROSE Receptacle (HR10-7R-6S)

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)

CALIBRATION (AVAILABLE)

CALIBRATION TEST EXCITATION

5 pt TENSION; 100K Ω SHUNT CAL. VALUE

COMPRESSION

10 VDC

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