

Terms and Conditions of Use

This drawing, including all information depicted herein (collectively, "Drawing"), is FUTEK's property and protected under applicable law, including copyright. FUTEK reserves all rights. The Drawing is provided solely for your information and exclusive use. **Except as expressly approved by FUTEK in writing, you may not reproduce or share this Drawing**, in whole or part, with any other firm or individual, or attempt to reverse engineer the Drawing or data contained therein. Any reproduction of this Drawing in whole or part must include this legend.

By accessing the Drawing, you agree that you have read, understand, and agree to abide by the stated Terms and Conditions of Use.

© 2023 FUTEK Advanced Sensor Technology, Inc.

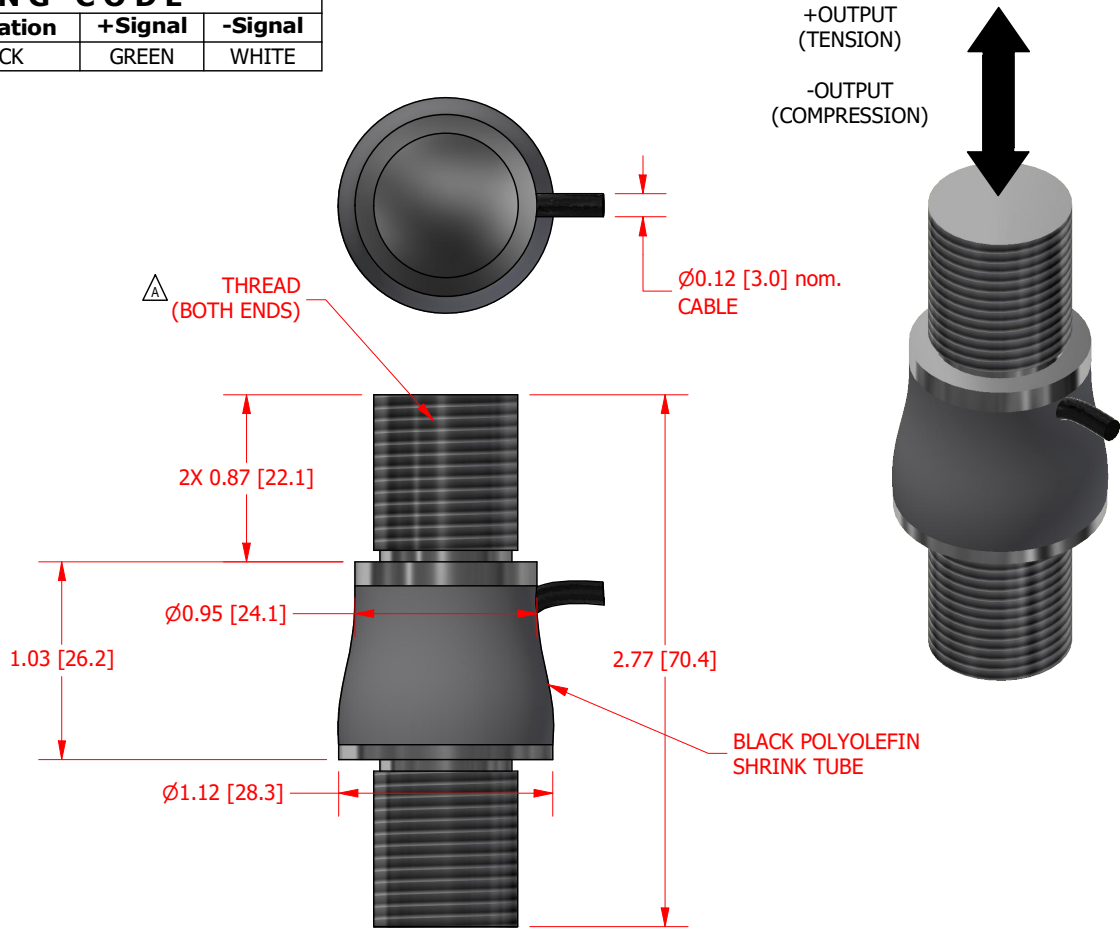
FUTEK MODEL LCM375-SP MINIATURE INLINE THREADED TENSION AND COMPRESSION LOAD CELL

ITEM NUMBER: SEE CHART

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

WIRING CODE

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



SPECIFICATIONS:

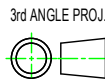
RATED OUTPUT	2 mV/V nom.
CAPACITY	10000 lb [44.48kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (±0.009 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-45 to 200 °F (-43 to 93 °C)
MATERIAL	17-4ph S.S.
CABLE: 28 Awg, 4 Conductor, Braided Shielded PVC Cable, 10 ft [3 m] Long	

ITEM #	THREAD	RoHS
QSH01585	3/4-16-2A	None
QSH02321	M16x2 - 6g	EU 2015/863

CUSTOMER APPROVAL- COMPANY:	
CUSTOMER APPROVAL- NAME / DATE:	
REVISIONS: (Refer to dwg # revision sheet)	
A	10/3/2022

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)
 ALL DIMENSIONS ARE IN INCHES
 DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
 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"

FUTEK

This drawing, including all information depicted herein (collectively, "Drawing"), is FUTEK's property and protected under applicable law, including copyright. FUTEK reserves all rights. The Drawing is provided solely for your information and exclusive use. Except as expressly approved by FUTEK in writing, you may not reproduce or share this Drawing, in whole or part, with any other firm or individual, or attempt to reverse engineer the Drawing or data contained therein. Any reproduction of this Drawing in whole or part must include this legend.

MODEL: LCM375-SP	DWG No.: FO1312-A
DRAWN BY: T.LEE	CREATED DATE: 2/24/2012
APPROVED BY: R.WALKER	APPROVED DATE: 2/27/2012
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1