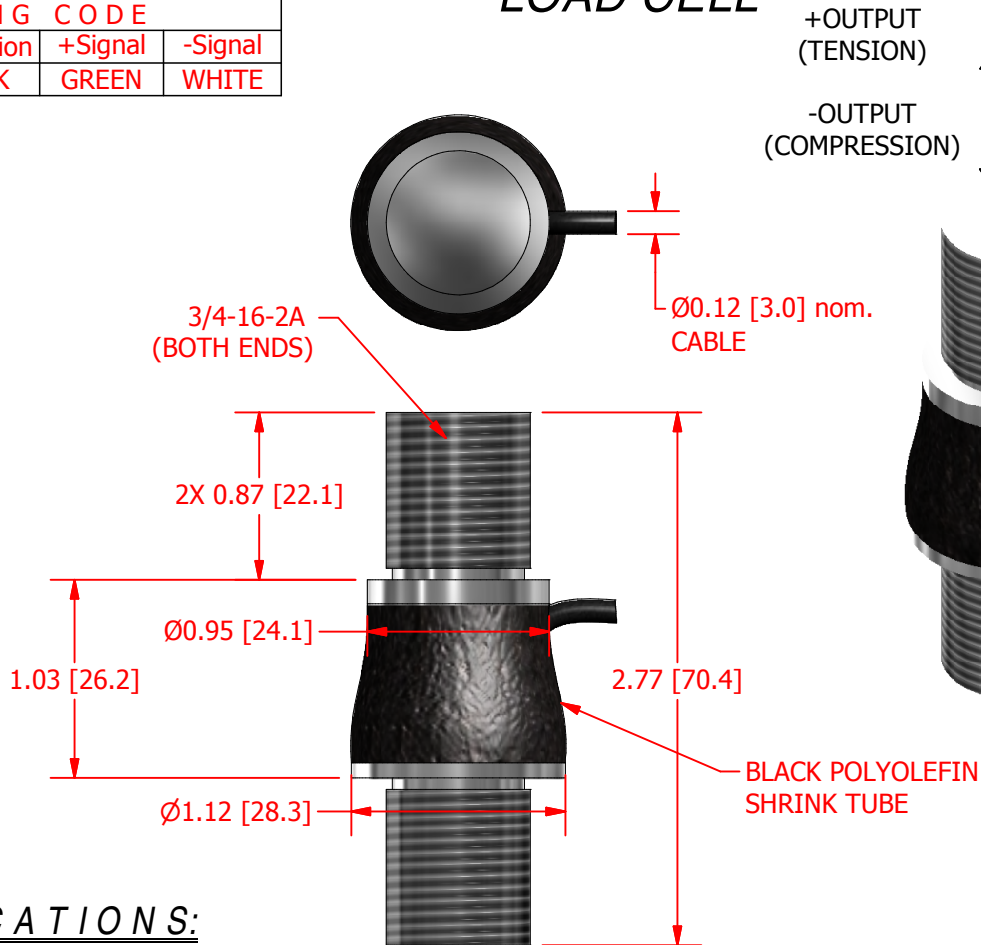


FUTEK MODEL LCM375-SP

ITEM NUMBER: QSH01585

MINIATURE INLINE THREADED TENSION AND COMPRESSION LOAD CELL

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	



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CUSTOMER APPROVAL- COMPANY:	<h1>OUTLINE DRAWING</h1>	<p><i>This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:</i></p> <p>FUTEK ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS, IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>
CUSTOMER APPROVAL- NAME / DATE:		
REVISIONS: (Refer to dwg # revision sheet)	<p>STANDARD NOTES: (Unless Otherwise Specified)</p> <p>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</p> <p>3rd ANGLE PROJ.</p> <p>ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"</p>	<p>MODEL: LCM375-SP DWG No.: FO1312</p> <p>DRAWN BY: T. LEE CREATED DATE: 2/24/2012</p> <p>APPROVED BY: R. WALKER APPROVED DATE: 2/27/2012</p> <p>CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1</p>