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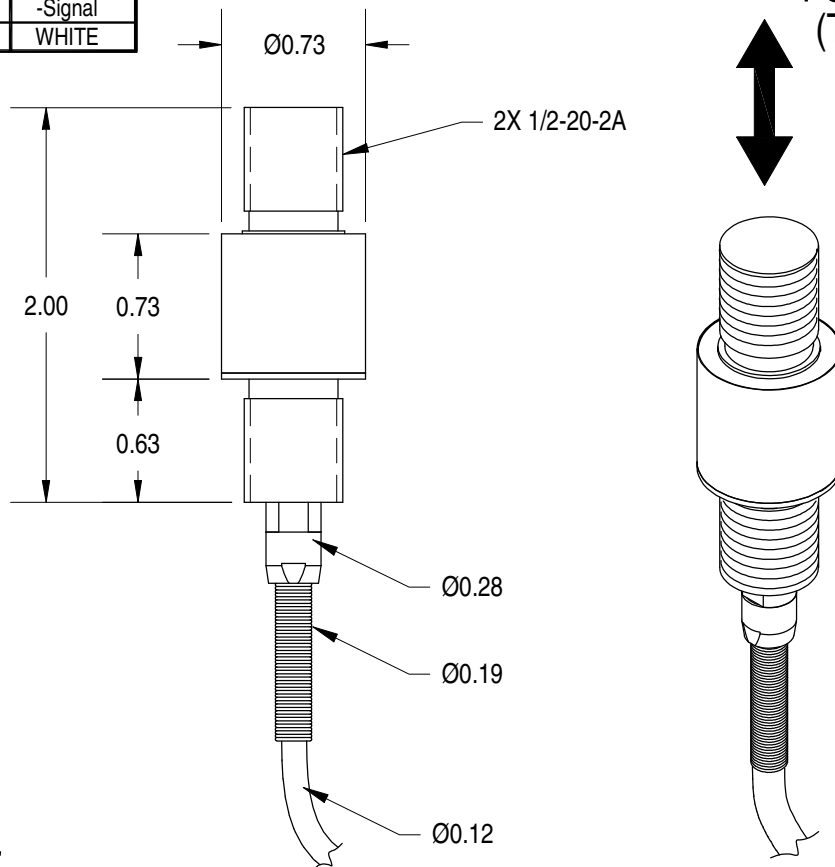
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# FUTEK MODEL QLA286

Tension & Compression In-line Load Cell w/ Center Cable Exit

STOCK NUMBER: SEE CHART

INCH (mm)		R.O.= Rated Output	
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



## SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	3000 lb
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±2% of R.O.
HYSTERESIS	±2% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
TEMP. SHIFT SPAN	±0.02% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	-40 to 200°F
MATERIAL	STAINLESS STEEL
CABLE: 26 AWG, 4 Conductor Braided Shielded Teflon Cable, (See Chart for Length)	

STOCK #	CABLE LENGTH
QSH00952	2 INCH
QSH00953	10 FT

MATERIAL:

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HEAT TREATMENT - FINISH:

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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:  
.XX ± .01  
.XXX ± .005

3rd ANGLE PROJ.



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CAGE: 1X8M6

MODEL: QLA286

DWG No.: FO1180

DRAWN BY: R. WALKER

CHECKED BY: -

APPROVED BY: J. VARGAS

DATE: June 20, 2007