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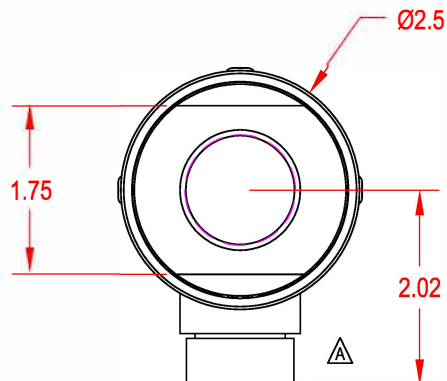
FUTEK MODEL QLA291

STOCK NUMBER: QSH01018

Heavy Duty Wire Rope Test Load Cell

INCH (mm) | R.O.= Rated Output

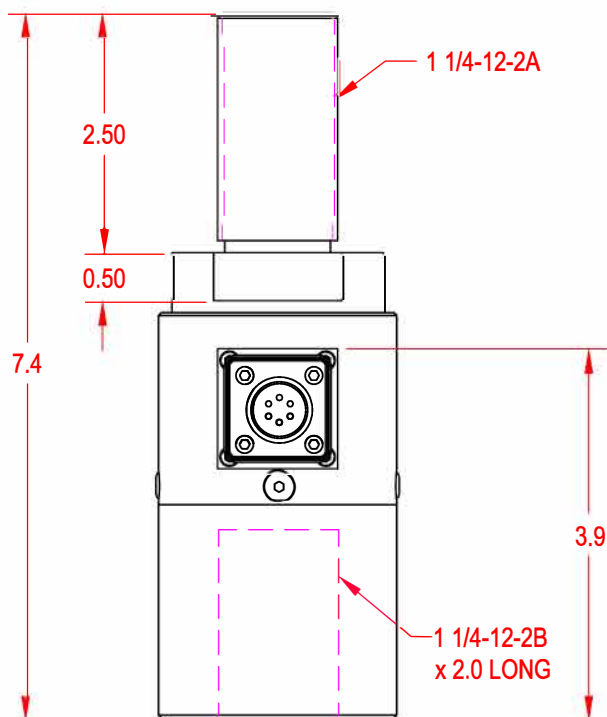
WIRING CODE (CC1)			
+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'
+Sense	-Sense		
ORANGE PIN 'E'	BLUE PIN 'F'		



REMOVABLE
CONNECTOR
GUARD



BENDIX RECEPTACLE
PT02A-10-6P
MATING CONNECTOR
PT06A-10-6S-SR
(NOT INCLUDED)



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	30000 lb
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F
TEMP. SHIFT SPAN	±0.01% of LOAD/°F
COMPENSATED TEMP.	30 to 130°F
OPERATING TEMP.	-60 to 200°F
WEIGHT	approx 5.5 lb
MATERIAL	Stainless Steel
CONNECTOR:	6 Pin BENDIX Receptacle (PT02A-10-6P)

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

12-05-07
12-28-09

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

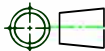
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
±1/2°

CHAMFER:
±5°

TOLERANCE:
.X ±0.1
.XX ±0.01
.XXX ±0.005

3rd ANGLE PROJ.



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CAGE: 1X8M6

MODEL: QLA291

DRAWN BY: R. WALKER

APPROVED BY: —

DWG No.: F01203-A

CHECKED BY: J.V. MEISELBACH

DATE: Nov 27, 2007