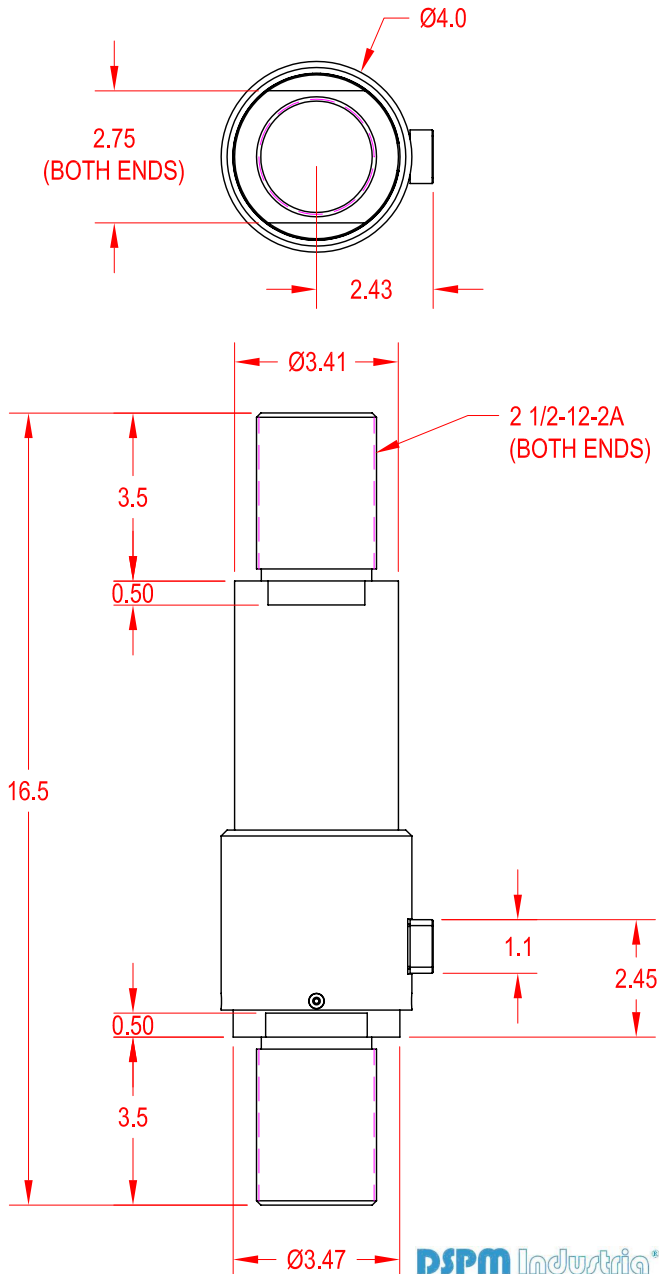


FUTEK MODEL QLA294

Heavy Duty Wire Rope Test Load Cell

STOCK NUMBER: QSH01017

| | | | |
|-------------------|------------------|--------------------|------------------|
| 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' | | |



SPECIFICATIONS:

| | |
|-------------------------|---------------------------------------|
| RATED OUTPUT | 2 mV/V nom. |
| CAPACITY | 100000 lbs |
| SAFE OVERLOAD | 150% of R.O. |
| ZERO BALANCE | ±1% of R.O. |
| EXCITATION (VDC OR VAC) | 18 MAX |
| BRIDGE RESISTANCE | 350 / 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 27 lb |
| MATERIAL | Stainless Steel |
| CONNECTOR: | 6 Pin BENDIX Receptacle (PT02A-10-6P) |

DSPM Industria*
sensori & trasduttori

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MATERIAL:
—

HEAT TREATMENT - FINISH:
—

REVISIONS: (Refer to dwg # revision sheet)

- ▲ 11-06-07
- ▲ 11-27-07
- ▲ 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

3rd ANGLE PROJ.



ANGLE:
±1/2°

CHAMFER:
±5°

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

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

CAGE: 1X8M6

MODEL: **QLA294**

DWG No.: **F01195-C**

DRAWN BY: R. WALKER

CHECKED BY: J.V. MEISELBACH

APPROVED BY: —

DATE: **Oct 27, 2007**