QL3-FS

QA Notices

Presented by:

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Pressure Sensor Sensitivity



- Spring 2015 Discovered an issue with some 30 & 100 PSI pressure sensors produced or calibrated between July 2014 and April 2015
- QLII/+ and QL3/FS
- Stated uncertainty of 0.25 to 0.5% of FS
- Error is between 0.5% and 1.5% of reading



- None determined to significantly impact safety related test results
- Source determined to be incomplete calibration procedure







QL3-FS

TR-A100-57

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TR-A100-54 (Current Document)



Present document for QLII/+ and QL3 is TR-A100-54 and includes;

- ✓ Safety Related Status
- ✓ Manufacturer's Accuracy Claim





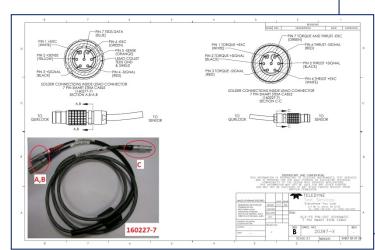




New document for QL3 and QL3-FS only ("E" version as well) and includes;

- ✓ Safety Related Status
- ✓ Manufacturer's Accuracy Claim
- ✓ Connector Pin-outs
- ✓ Calibration Periodicity

Available 9/15



TR-A100-57 Revision 0

TELEDYNE TEST SERVICES
QL3-FS VALVE DIAGNOSTIC TEST EQUIPMENT
SAFETY RELATED STATUS, ACCURACY,
CALIBRATION PERIODICITY & PIN-OUT
SUMMARY

PROPRIETARY

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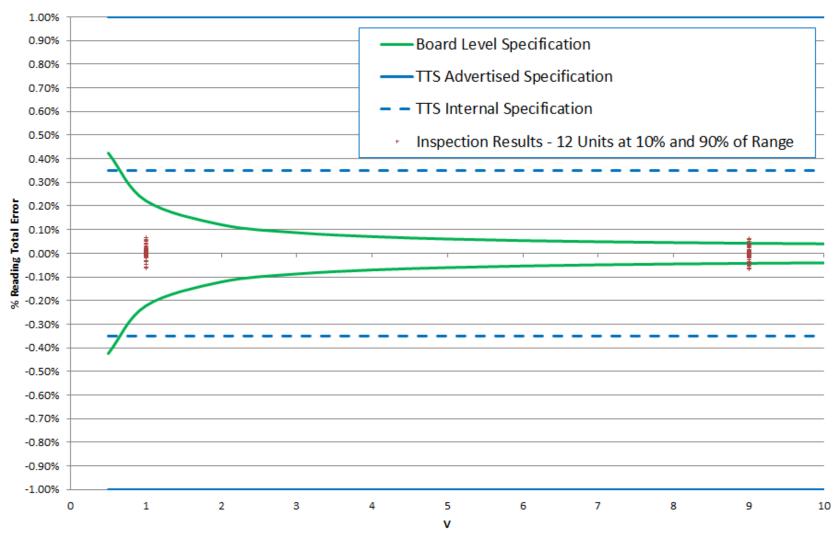




QL3-FS Accuracy Study



QL3-FS Channels 10 V Range Channels 1-16 Actual % Reading Error Results vs. Performance Specification



QL3-FS Accuracy Study



Range		Uncertainty
+/- 1 mV/V	+/- 10 mV	
+/- 3 mV/V	+/- 30 mV	1% Reading (10-100% Range)
+/- 10 mV/V	+/- 100 mV	
+/- 300 mV		X % Reading (10-100% Range) or 1% Reading (5-100% Range)
+/- 1V		
+/- 3V		
+/- 10V		

Any Questions?

THANK YOU



