

PRESSURE TEST REPORT

Hydracon Switch Model 1800-201.

SWITCH UNIT TESTED:

Hydracon Proximity Switch Model 1800-201, S/N 135.
Pressure tested open face, leadwires were not sealed.

TEST DATE: 23 April 2007

EQUIPMENT & INSTRUMENTS USED:

Pressure Vessel: Model 1703-099, made by Hydracon
Hand Pump: Enerpac P80
Pressure Gauge: 10,000 psi
Weighing scale: Acculab digital #GS1-200

CONDITIONS:

Ambient temperature: 65 deg F.

PROCEDURE:

Unit weight before hydro test: 2.000 oz.
One unit was bagged in water, installed in the pressure vessel, and filled with water.
Pressure was applied to 10,000 psi, and maintained at 10,000 psi +/- 100 psi for one hour
The unit was removed from pressure vessel, wiped cleaned, and weighed.
Unit weight after hydro test: 2.000 oz.

OBSERVATIONS, TESTING, and CONCLUSIONS:

Visual inspection: No visual deformation.
Tests: Operation: passed
Insulation Resistance: w/ 500vdc: infinity 3 places.
Change in weight: none
Conclusions: 1. No water leaked into the switch.
2. No visible damage due from the 10,000 psi.

Tested By: Alex Pullos, 23 April 2007. _____

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