

Hybrid Pressure Switch
Model# HPS-100
Specifications

A. GENERAL

1. The pump controller shall be of a combination pressure and timer type. The device shall automatically cycle a pump starter ON/OFF based upon static main pressure and runtime durations. False starts and stops shall be prevented with a time-delay pressure-hammer rejection circuit.
2. The device shall be accompanied by a manual that contains, at a minimum, the following sections: (1) Circuit Diagram, (2) Sample Application Wiring Diagrams (3) Installation Procedures, (4) Timer Calibration Procedures, (5) Pressure Calibration Procedures, (6) Operations and Troubleshooting Procedures, (7) Component List. The manual shall be available in both paper and PDF (Adobe) formats. The PDF-formatted manual shall be available on the internet.
3. The pressure and time thresholds of the device shall be operator-programmable.
4. The device shall be a Hybrid Pressure Switch, Model# HPS-100, manufactured by Navionics Research, Inc. (St. Louis, MO, USA), or equal.

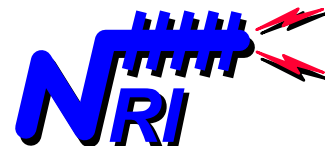
B. MANUFACTURER

The device manufacturer shall have been engaged in the business of water utility electronic controls for a minimum of 8 years.

The manufacturer shall have a toll-free technical support telephone number and online internet support for the device. The toll-free number and internet web site shall be prominently displayed on a label affixed to the panel door housing the device.

C. WARRANTY

The manufacturer shall provide a one-year limited warranty covering defective components.



Navionics Research, Inc.
Saint Louis, Missouri USA
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