

Suspension Probe

Oil in Water Float Probe | Models: SPOGXX



QSG005Z7_Rev02_Suspension Probe Oil or Grease | December 30, 2024 4:29 PM

Specifications

Cable: 18/2 SJOOW Oil Resistant Cable
Suspension Weight: 316 Stainless Steel, 1" x 2.5"
Sensor: Corrosion Resistant Alloy, 0.125" x 0.30"

WARNING: Do not connect directly to pumps.

QUICK START GUIDE

Safety Guidelines



WARNING

Before proceeding with the installation or operation of this product, read all instructions thoroughly, as well as complying with all federal, state and local codes, regulations, and practices. This product must be installed by qualified personnel familiar with all applicable local electrical and mechanical codes. Refer to the National Electrical Code (NFPA 70). Failure to properly install, test, and operate this product can result in personal injury or equipment malfunction.

DO NOT use or install this product with or near flammable liquids.

DO NOT use or install this product in locations classified as hazardous or in explosive atmospheres as defined by any applicable electrical safety code.

When mounting the probe sensor, straighten the cable so that the probe hangs vertical with no more than 5 degrees out of alignment – failure to do so will cause float switch to not activate properly!

Customer Support

Online
alderonind.com

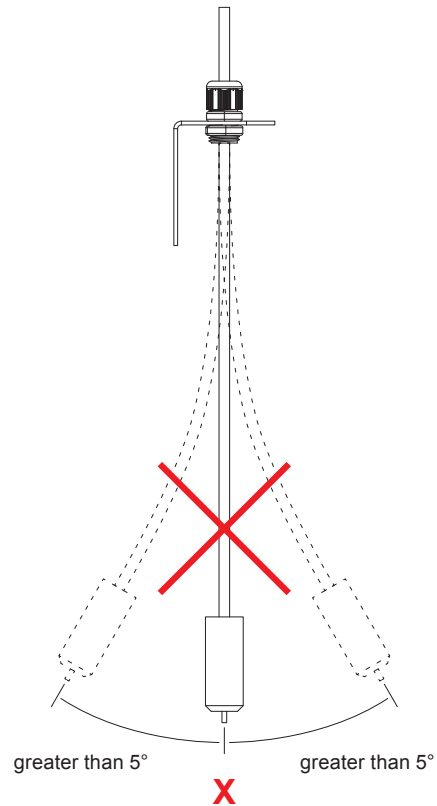
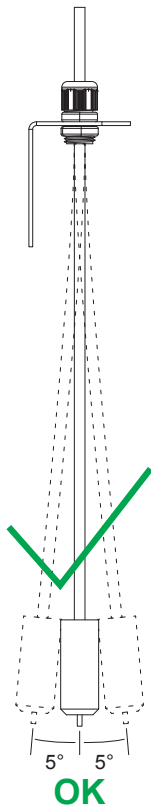
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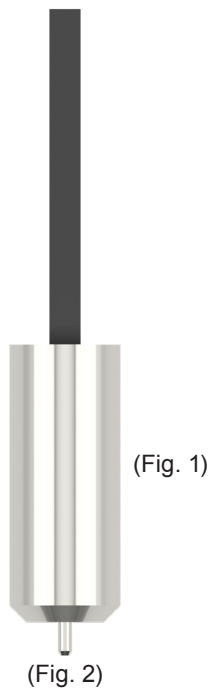
Attach Float Probe and Wiring

Use a bracket to suspend the probes. Straighten the cable so the probe remains vertical with no more the 5 degrees out of alignment. Connect the cable leads according to instructions or wiring diagram from UL listed alarm panel.



Identifying Sensor Tip

The SPOG sensor consists of a weight (Figure 1) and the sensor electrode (Figure 2). When the electrode is immersed in oil or grease, the conductivity changes and the GOOP alarm panel will activate.



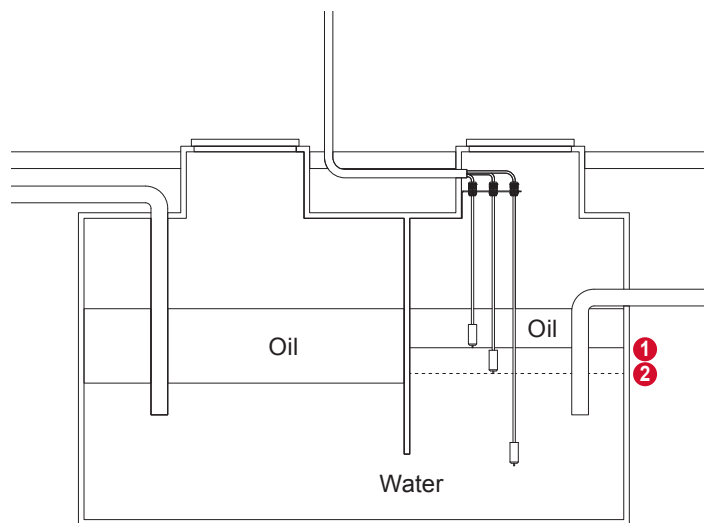
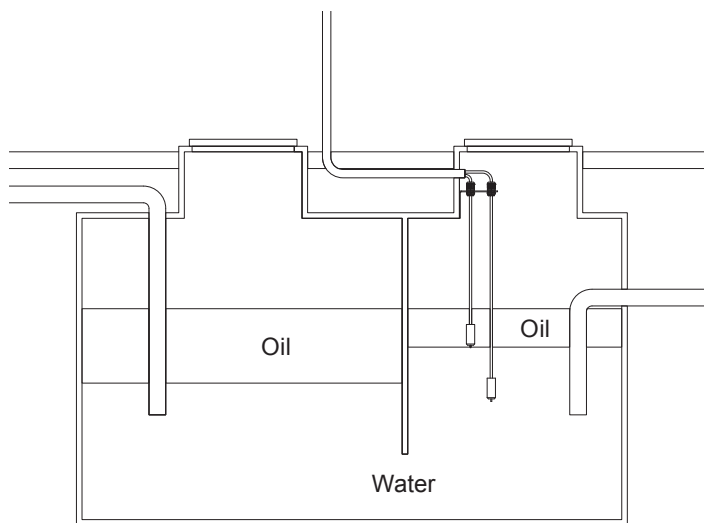
Cleaning the SPOG sensor

After each alarm event, clean the sensor electrode tip removing any grease/contaminant buildup. Use warm water and soap and use brush to clean.



Application Examples for One and Two Alarm Levels

The GOOP alarm panel can monitor oil or grease levels using 2 probes (for one alarm) and 3 probes (for two alarms). The bottom probe is the reference probe and should be continuously immersed in water. The upper probe(s) are the level for oil or grease alarms.



- (1) First Alarm
- (2) Second Alarm