

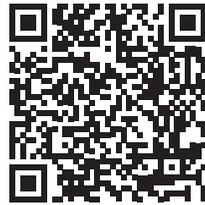
Thank You

Thanks for purchasing a Series FS-400 or FS-410 Float Switch from us! We appreciate your business and your trust. Please take a moment to familiarize yourself with the product and this manual before installation. If you have any questions, at any time, don't hesitate to call us at 888-525-7300.

NOTE: Scan the appropriate QR code below to see the datasheet with full specs on your tablet or smartphone. Or visit www.apgsensors.com/support to find it on our website.



FS-400 Datsheet (Doc #9005500)



FS-410 Datasheet (Doc #9005501)

Table of Contents

| | | |
|---------------------------|---------------------------------------|-------------------------|
| 1. Description | 4. Installation Instructions | 7. General Care |
| 2. How To Read Your Label | 5. Dimensions | 8. Repair Information |
| 3. Warranty | 6. Reversing Switch Operation (NO/NC) | 9. Removal Instructions |

1 Description

Series FS-400 Stainless Steel Vertical Float Switches and Series FS-410 Miniature Stainless Steel Vertical Float Switches are durable float switches with a wide range of uses. Both are compact, feature all stainless steel wetted materials, and have user-reversible switch orientation. All FS-400 & FS-410 switches are made in the USA.

FS-400 & FS-410 switches should be installed in an area--indoors or outdoors--which meets the following conditions:

- Ambient temperature between -40°F and 368°F (-40°C to 187°C); up to 500°F (260°C) for HT
- Process pressure 200 psi (13.8 bar) or less (FS-400-S); 500 psi (34.5 bar) or less (FS-400-HT); or 300 psi (20.7 bar) or less (FS-410)
- Relative humidity up to 100%
- Altitude up to 2000 meters (6560 feet)
- No chemicals corrosive to stainless steel (such as NH₃, SO₂, Cl₂, etc.)

2 How To Read Your Label

Each label comes with a full model number, a part number, and a serial number. The model number for the Series FS-400 or FS-410 Float Switch will look something like this:

▲ SAMPLE: FS-400-HT-M1-M1-0.6-P0-48

The model number correlates with all the configurable options and tells you exactly what you have. Compare the model number to the options on the datasheet to identify your exact configuration. You can also call us with the model, part, or the serial number and we can help you.

Vertical Stainless Steel Float Switch Installation Guide

Series FS-400 & FS-410



Automation Products Group, Inc.
1025 W 1700 N Logan, UT 84321
www.apgsensors.com | phone: 888-525-7300 | email: sales@apgsensors.com

Doc #9005502 Rev B
Part #200216

3 Warranty

This product is covered by APG's warranty to be free from defects in material and workmanship under normal use and service of the product for 24 months. For a full explanation of our Warranty, please visit <https://www.apgsensors.com/about-us/terms-conditions>. Contact Technical Support to receive a Return Material Authorization before shipping your product back.

Scan the QR code below to read the full explanation of our Warranty on your tablet or smartphone.



4 Installation Instructions

Installing your vertical float switch is easy if you follow a few simple steps:

- Hold the switch beneath where it will mount, and feed the wires up through the mount.
- Insert the threads into the mount and begin to turn by hand.
- Use an appropriately sized wrench on the hex nut to completely tighten the threads.
- Connect the switch wires to your control system.
- Equipment must be grounded through final installation.
- Adequate overcurrent protection must be provided at the supply.

