



AFS Series

Differential Pressure Switch

The AFS Series differential pressure switches are general purpose switches designed for both HVAC and Energy Management applications. These pressure switches can be used to sense positive, negative, or differential air pressures. All units contain a diaphragm, calibration spring, and a snap acting SPDT switch. The AFS-460's SPST output is configured for a normally closed action with a manual reset. The enclosure cover guards against accidental contact with the live switch terminal screws and the setpoint adjustment screw.

The AFS Series is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.



Specifications

| | | | |
|------------------------------------|--|----------------------------|-------------------------------------|
| Input Pressure Range | AFS-222 (0.07" to 12" w.c.) | AFS-262 (0.07" to 2" w.c.) | AFS-460 (0.40 to 12" w.c.) |
| Output | AFS-222 (SPDT) | AFS-262 (SPDT) | AFS-460 (SPST-NC w/manual reset) |
| Operating Temperature Range | -40 to 180°F (-40 to 82°C) | | |
| Electrical Rating | 300 VA pilot duty @ 115 to 277 VAC | | 15A non-inductive to 277 VAC, 60 HZ |
| Maximum Pressure | 0.5 psi (0.03 Bar) | | |
| Switch Differential | Increasing from 0.02" +/- 0.01 w.c. to approx 0.8" w.c. @ maximum setpoint | | |
| Setpoint | +0.08" w.c. @ maximum setpoint | | |
| Measured Media | Air, or combustion, by-products that will not degrade silicon | | |
| Mounting Direction | Any vertical plane | | |
| Fitting | Accepts a 0.25" O.D. rigid metallic tubing | | |
| Product Dimensions | (H) 6.25" (W) 4.46" (D) 3.18" | | |

Ordering

Select one Differential Pressure Range (A).

A Differential Pressure Range

- AFS-222 (0.07"-12" w.c.) (with SPDT)
- AFS-262 (0.07"-2" w.c.) (with SPDT)
- AFS-460 (0.40"-12" w.c.) (with SPST-NC, Manual Reset)

Build your part number

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: AFS-262