

Overview

The ACS2411/ACS2412 is a family of differential pressure transducer that delivers $\pm 1\%$ FS accuracy. The family comes in several FS pressure ranges providing positive (ACS2411) or negative pressure (ACS2412) monitoring. In cleanroom applications it can be used to monitor room differential pressure and in FFU applications it can be used to monitor faulty filter or FFU motor functions. The output of the sensor is an analog signal that can be fed to a Console or interface card for monitoring and control.

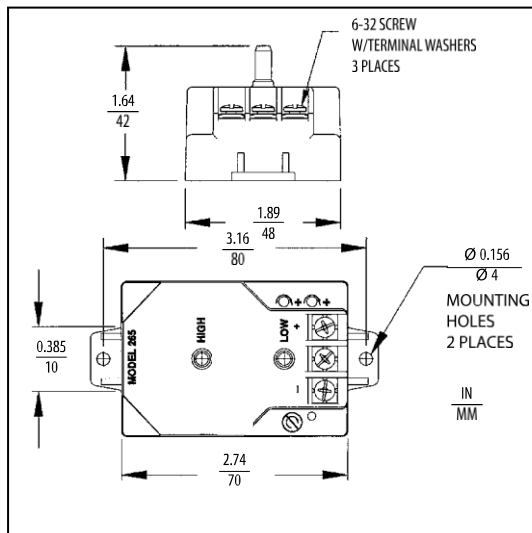
The ACS2411/ACS2412 Family comes with NIST certification for stringent USP797 and USP800 monitoring systems.



Specifications

- Accuracy: $\pm 1\%$ FS
- Switch Differential: 0.02 ± 0.01 "w.c.
- Operating Temperature Range: -18° to 65°C max.
- Electrical Rating:
 - 12 to 30VAC
 - Output – 4-20 mA, 0-5V
 - 2-wire (Comm, Out, In)

Mechanical



| Part # | OUT | Pressure Range |
|-------------|--------|--------------------|
| ACS2411-25 | 4-20mA | 0-0.25 WCI |
| ACS2411-100 | 0-5V | 0-1.00 WCI |
| ACS2412-25 | 4-20mA | -0.25 to +0.25 WCI |