

Overview

The ACS2413/ACS2414 is a family of differential pressure transducer that delivers $\pm 1\%$ FS accuracy. The family comes in several FS pressure ranges providing positive (ACS2413) or negative pressure (ACS2414) monitoring. In cleanroom applications it can be used to monitor room differential pressure and in FFU applications it can be used to monitor filter loading 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.



Specifications

- Accuracy: $\pm 1\%$ FS
- Operating Temperature Range: -10° to 60°C Maximum
- Electrical Rating:
 - 12-30V DC
 - Output – 4-20 mA /0-5V
 - 2-wire (Comm, Out, In)

Part #	OUT	Pressure Range
ACS2413-100	4-20mA	0-100 Pa (0-0.4"wc)
ACS2413-250	0-5V	0-250 Pa (0-1.0"wc)
ACS2414-50	4-20mA	-50 to +50 Pa (± 0.2 "wc)

Mechanical

