Static Pressure Sensor

Model: SPS-2

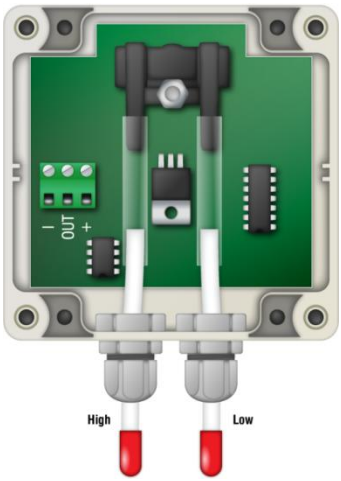
A differential pressure sensor designed for rugged environments

The Static Pressure Sensor is designed to monitor the difference in pressure between the inside and outside of a building.

In ventilation systems, static pressure is the pressure exerted by the air inside a building relative to the outside air pressure when exhaust fans are turned on. Measuring and maintaining proper negative pressure allows the ventilation system to mix outside air with inside air more efficiently and effectively.

Compatible controls

The SPS-2 is compatible with the Phason Static Pressure Control (**model SPC-2**) and Local Environment Monitor (**model LEM**), and any third-party equipment capable of receiving 0 to 4 VDC input.



Features

- Differential pressure sensor
- Easy installation and configuration
- Rugged enclosure (corrosion resistant, water resistant, and fire retardant)

Ratings

- Pressure range: 0 to 0.25 inWC
- Output voltage: 0 to 4 VDC
- Supply voltage: 11 to 30 VDC, 12 VDC typical
- Supply current: 30 mA
- Operating range: 32 to 185°F (0 to 70°C)
- Storage range: -40 to 194°F (-40 to 90°C)
- Overpressure: 20 psi