

Features & Options

- Designed for Monitoring Overpressure, Vacuum and Differential Pressure of Air or Other Non-Combustible, Non-Aggressive Gases
- Ideal for Air Filter and Fan Status Monitoring, Industrial Cooling-Air Circuit Monitoring, Duct Air Flow Monitoring, Air Flow Proving for Heater Control and Frost Prevention Circuits
- Field-Adjustable Dial to Select Any Trip Value Within Each Pressure Range



Total Probes and Tubing

Two static pressure probes and two meters of pressure tubing are available as an accessory.



BEST QUALITY

MADE IN GERMANY



Specifications

Burst Pressure: 40" WC (10 kPa) for all pressure ranges

Medium: Air, non-combustible and non-aggressive gases

Operating Temperature: -4° to +185°F (-20 to +85°C)

Storage Temperature: -40°F to +185°F (-40 to +85°C)

Accuracy:

Deviation: $\pm 15\%$, min. ± 0.04 " WC (± 10 Pa) • Drift: $\pm 15\%$

Diaphragm Material:

Silicone, tempered at 392°F (200°C), free of gas emissions

Pressure Connections:

2 plastic pipe connection pieces, external dia. 0.24" (6mm)

Marked "+" to higher pressure, marked "-" to lower pressure

Body and Cover Material: UV-resistant plastic

Mechanical Working Life: Over 1,000,000 switching operations

Electrical Rating:

0.4A Inductive, 250 VAC • 1.5A Resistive, 250 VAC

0.8A Inductive, 125 VAC • 3.0A Resistive, 125 VAC

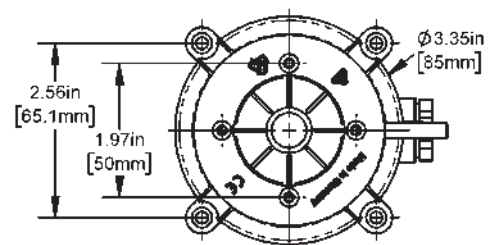
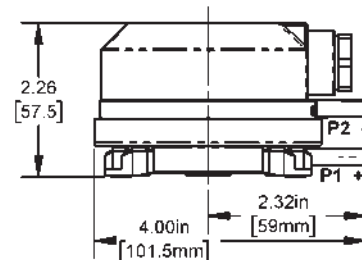
0.4A, 30VDC • 0.1A, 24 VDC

Electrical connections:

1/4" Spade Plug (AMP flat plug), 0.25" x 0.03" (6.3 x 0.8mm) in accordance with DIN 46244 or push-on screw terminals included

Protection Category: IP54 or IP65 (option)

CE Conformity: Low Voltage Directive 2014/35/EU; RoHS Directive 2011/65/EU



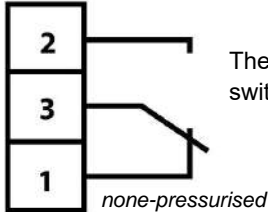
ECO-PS Series

Ordering Information

Part Number	Pressure Range	Switching Differential
ECO-PS300	20 to 300 Pa	10 Pa
ECO-PS500	50 to 500 Pa	20 Pa
ECO-PS1000	100 to 1000 Pa	50 Pa
ECO-PS2500	500 to 2500 Pa	150 Pa
ECO-PS5000	1000 to 5000 Pa	250 Pa

Included 2 Total Pressure Tubes and 2 Meters of Pressure Tubing

Electrical connection



The set point (switching point) can be adjusted by using the potentiometer. The switching dif-ferential can also be adjusted with a screwdriver.