

ENERVEX®

PDS PROVEN DRAFT SWITCH

3903003 03.16

Product Information

Use

The PDS, Proven Draft Switch, is a fixed set point differential pressure switch that provides pressure monitoring in exhaust and ventilation systems. It is used with gas or oil-fired appliances.

Description

The PDS, Proven Draft Switch, is a fixed set point (.05"WC) differential pressure switch that is used in conjunction with ENERVEX's fixed speed fan systems. The PDS provides differential pressure monitoring in exhaust and ventilation systems.

Material

The enclosure, the switch housing and the internal switch are made of polycarbonate. The diaphragm is made of NBR (silicone), while the switching contact is made in fine silver.

Standard Equipment

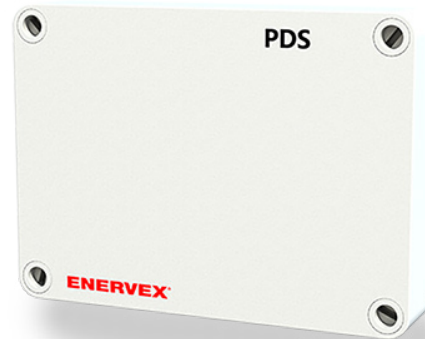
- Duct Kit

Approvals

The switch is UL recognized product.

Warranty

2-Year Factory Warranty.



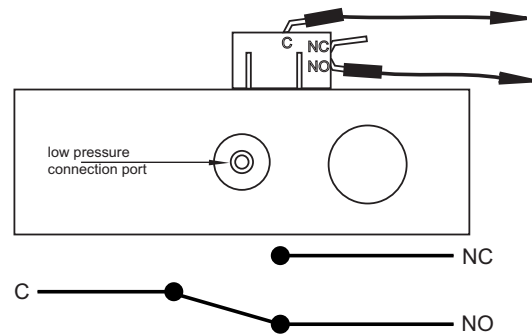
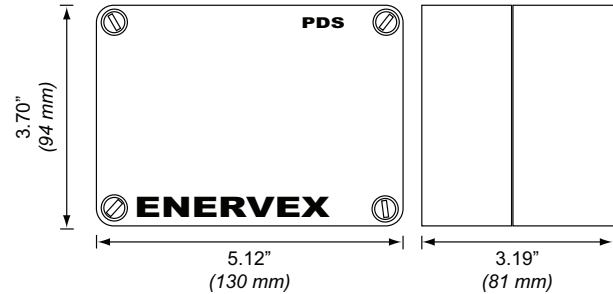
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Product Information

Specifications

Maximum Load	3 Amps @ 120 VAC
Range of Operation	.05 to .50"W.C. (13 to 135 Pa)
Temperature Limits	-40°F to +190°F (-40°C to +88°C)
Max. Pressure	3 PSI (207 mbar)
Wiring Connections	1/4" Solderless Quick Connect Terminals
Pressure Connections	Two plastic tubes, outside diameter of 1/4" (6.0mm)
Weight	9.6 oz. (0.275 kg)



Functional Description

The differential pressure acts via diaphragm against the force of setting spring on the microswitch. The pressure switch operates without any auxiliary power.

Specifications are subject to change without notice.

ENERVEX Inc.
1685 Bluegrass Lakes Parkway
Alpharetta, GA 30004
USA

P: 770.587.3238
F: 770.587.4731
T: 800.255.2923
info@enervex.com
www.enervex.com

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