

Pressure

Low Cost Differential Switch

EPD1S, EPD1H Series

Features

- ▶ High reliability
- ▶ Easy setpoint adjustment
- ▶ Low cost

Applications

- ▶ Filtration systems
- ▶ Air proving in HVAC systems
- ▶ Pump & compressor monitoring
- ▶ Fluid leak detection
- ▶ Food & beverage



General Specifications*

Electrical Characteristics:	All models incorporate Underwriters Laboratories, Inc. and CSA Listed single pole double throw snap-action switching elements
Accuracy:	± 5% of the adjustable range
Switch:	
Type:	SPDT snap action
Rating:	4 amps @ 125/250 VAC (Class AA limit switch); 5 amps @ 125/250 VAC (Class BB limit switch).
Wetted Parts:	
Process Fitting:	Polysulfone, 40% glass filled
Diaphragm:	Dacron reinforced neoprene
Enclosure:	Polysulfone, 40% glass filled
Electrical Connection:	
EPD1S Models:	12" free leads
EPD1H Models:	3-contact terminal block

Enclosure Ratings:	NEMA 4 on EPD1H
Pressure Connection:	1/8" NPT female
Temperature Range:	
Operating:	-20° to +165°F (-54° to +74°C)
Storage:	-65° to +200°F (-40° to 93°C)
Adjustment Instructions:	Turn adjustment screw clockwise to increase, counter-clockwise to decrease pressure difference (switch setting)
Shipping Weight:	
EPD1S Models:	1.0 lbs. approximate
EPD1H Models:	1.5 lbs. approximate

* See product configurator for additional options.

Wiring Diagram

