

Differential Pressure Switch

Adjustable differential pressure switch for monitoring overpressure, vacuum and differential pressure of air or other non-combustible, non-aggressive gases for both HVAC and Energy Management Applications. Automatic reset and field adjustable setpoints and switching differentials.



Type Overview

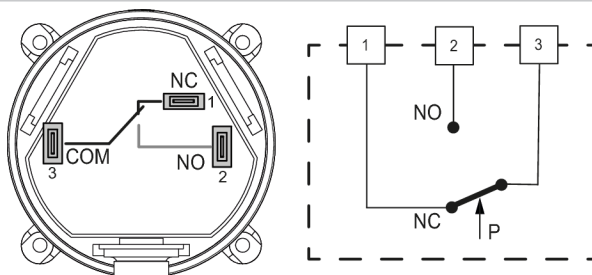
Type	Measuring Range Pressure	Measuring Range Pressure	Output Signal
01APS-50R	0.08 to 1.20 inch WC	20...300 Pa	switch
01APS-50U	0.20 to 2.00 inch WC	50...500 Pa	switch
01APS-50I	0.80 to 4.00 inch WC	200...1000 Pa	switch
01APS-504	2.00 to 10.00 inch WC	500...2500 Pa	switch

Technical Data

Electrical Data	Electrical Connection	terminals for wire 15 GA [0.5 to 1.5 mm ²]
	Cable Entry	cable gland M20 x 1.5 mm with strain relief Ø6 to 8 mm, 1/2" conduit adapter included
Functional Data	Output Signal Switch Note	contact current max. 1.0 A (0.4) / AC 250 V
	Media	air
Measuring Data	Measured Values	differential pressure
	Measuring Media	air, non-combustible and non-aggressive gases
	Accuracy Pressure	±15% (tolerance for upper and lower switching pressure)
	Overpressure Limit	40 inch WC (10kPa),
	Burst Pressure	40 inch WC (10kPa)
Materials	Housing	base: PA 6.6 cover: ps
Safety Data	Ambient Temperature	-5°F to 185°F [-20°C to 85°C]
	Medium Temperature	-5°F to 185°F [-20°C to 85°C]
	Storage Temperature	-40 to 185°F [-40 to 85°C]
	EU Conformity	CE Marking
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-6
	Degree of Protection IEC/EN	IP54
	Degree of Protection NEMA/ UL	NEMA 3
	Quality Standard	ISO 9001
	Weight	0.15 lbs

Accessories

Scope of Delivery	pvc hose 6.5 ft (2 m) 2 x Duct connectors (plastic)
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Wiring Diagram

Dimensions
