

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 diff. pressure	Measuring range diff. pressure	Output Signal	Burst Pressure
01APS-50R	0.08...1.20 inch WC	20...300 Pa	switch	10 kPa / 40 inch WC
01APS-50U	0.20...2.00 inch WC	50...500 Pa	switch	10 kPa / 40 inch WC
01APS-501	0.80...4.00 inch WC	200...1000 Pa	switch	10 kPa / 40 inch WC
01APS-504	2.00...10.00 inch WC	500...2500 Pa	switch	10 kPa / 40 inch WC

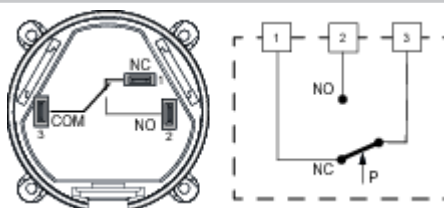
Technical Data

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)
Materials	Housing	base: PA 6.6 cover: ps
Safety Data	Ambient Humidity	max. 95% RH non-condensing
	Ambient Temperature	-5°F to 140°F [-20°C to 60°C]
	Medium Temperature	-5°F to 140°F [-20°C to 60°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
	Certification UL	ETL listed, UL508, CSA C22.2 No.14
	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)

Wiring Diagram



Dimensions

