

**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 hysteresis.


**Type Overview**

Type	Measuring range diff. pressure	Output Signal	Burst Pressure
01APS-10R	20...300 Pa	Switch	10 kPa
01APS-10U	50...500 Pa	Switch	10 kPa
01APS-101	200...1000 Pa	Switch	10 kPa
01APS-104	500...2500 Pa	Switch	10 kPa

**Technical Data**

<b>Electrical data</b>	Electrical connection	Terminals for wire 0.5...1.5 mm <sup>2</sup>
	Cable entry	Cable gland cap nut with strain relief Ø5...10 mm
<b>Functional data</b>	Output signal switch note	Contact current max.1.0 A (0.4) / AC 250 V
	Media	Air
<b>Measuring data</b>	Measured values	Differential pressure
	Measuring media	Air, non-combustible and non-aggressive gases
	Accuracy pressure	±15% (tolerance for upper and lower switching pressure)
<b>Materials</b>	Housing	Bottom Part: PA 6.6 Top Cover: PS
	<b>Safety data</b>	Ambient humidity
Ambient temperature		-20...85 °C [-5...185 °F]
Medium temperature		-20...85 °C [-5...185 °F]
Non-operating temperature		-40...85 °C [-40...185 °F]
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	

**Safety notes**


The installation and assembly of electrical equipment should only be performed by authorized personnel.

This device has been designed for use in stationary heating, ventilation and air conditioning systems and must not be used outside the specified field of application. Unauthorised modifications are prohibited. The product must not be used in relation with any equipment that in case of a failure may threaten human, animals or assets.

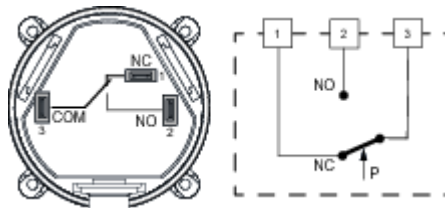
Ensure all power is disconnected before installing. Do not connect to live/operating equipment.

Please comply with

- Local laws, health & safety regulations, technical standards and regulations
- Condition of the device at the time of installation, to ensure safe installation
- This data sheet and installation manual

**Accessories**

Scope of delivery	Description	Type
2m PVC Hose		
2 x Duct connectors (plastic)		
Optional Accessories	Description	Type
	Mounting bracket (metal) L-shape	A-22AP-A06
	Mounting bracket (metal) S-shape	A-22AP-A07

**Wiring diagram**

**Dimensions**
