

**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 pressure	Measuring range pressure	Output Signal	Overpressure range	Burst pressure
01APS-10R	-	20...300 Pa	Switch	10 kPa	10 kPa
01APS-10U	0.20...2.00 inch WC	50...500 Pa	Switch	10 kPa	10 kPa
01APS-101	0.80...4.00 inch WC	200...1000 Pa	Switch	10 kPa	10 kPa
01APS-104	2.00...10.00 inch WC	500...2500 Pa	Switch	10 kPa	10 kPa

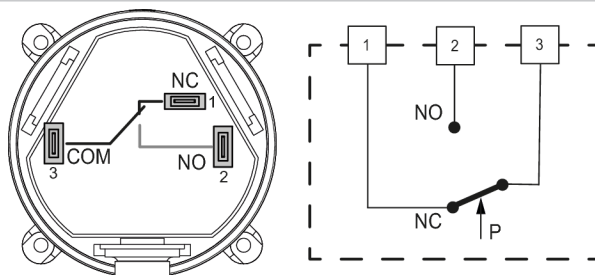
**Technical Data**

<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 temperature	-20...85 °C [-5...185 °F]
	Medium temperature	-20...85 °C [-5...185 °F]
	Non-operating temperature	-40...85 °C [-40...185 °F]
	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 kg	

**Accessories**

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

Wiring diagram



Dimensions

