

Datasheet JDL-111

Articlenumber: H5309098

Differential pressure switch, 20...300Pa, internal setting

Differential pressure switch for monitoring overpressure, differential pressure or negative pressure of air and non-flammable, non-aggressive gases. Can be used as a fume cupboard or fan monitor or flow monitor to protect electrical heating registers, as a filter monitor, low air pressure protection or limit value controller. Note: Once the differential pressure switch has switched a voltage > 24 V and a current > 0.1 A, the gold coating on the contacts is burnt off. After this, the differential pressure switch can only be operated with this or a higher power. Note: The JZ-06/1 hose set is not included in the scope of delivery and must be ordered separately. Supplied with attached mounting bracket JZ-10.



Ambient temperature	?15 ... 80 °C
Bearing temperature	-15 ... 80 °C
Colour	Black
Control function, overpressure or underpressure	Yes
Degree of contamination	2
Electric connection	Screw terminals
Electronic version	No
External setting	No
Function type (systems engineering)	Monitor
Housing material	Plastic
Internal setting	Yes
Max. air humidity (non-condensing)	95 % r.H.
Max. Pressure	15000 Pa
Max. switching current	5 (1) A (230 VAC), 1 A (24 VDC), 0,2 A (30 VDC)
Max. switching voltage	230 VAC, 50 Hz / 24 VDC

Medium	Air
Medium temperature	?15 ... 80 °C
Min. switching current	1 mA
Min. switching voltage	12 VAC, 50 Hz / 12 VDC
Montage/Befestigung	Wall mounting
Number of control ranges	1
Number of outputs	2
Operation	Internal setpoint adjuster
Output signal	Switching
Potential free switching contact	Yes
Pressure connection	6.2 mm
Protection class	II, following appropriate mounting
Regelbereich Druck	20 ... 300 Pa
Safety and EMC	In accordance with DIN EN 60730
Sensor element	Pressure membrane
Surface finish	Matt
Switching contact	Two-way contact
Switching differential	15 ... 10 Pa
Switching element	Microswitch
With explosion protection	No

