Typ: JDW-5 Z



Art.-No.: H531000

Features:

Differential pressure switch with angle bracket, mechanical, 30...500Pa, monitor, , Toggler, 12-230 VAC, 1,5(0,4)AAC, 12-24 VDC, 1(0,2)ADC, hysteresis 10...25Pa

Application:

Monitoring of overpressure, differential or under-pressure of air and incombustible, non-aggressive gases. Exhaust or fan monitoring or flow monitor for securing electrical heat registers, as filter monitoring, air pressure shortage safeguard, limit value controller.

JDW-...: Supplied without mounting bracket, can be screwed on directly (with 2 screws). JDW-...Z: Supplied with attached mounting bracket JZ-10. JDL-...: Supplied with attached mounting bracket JZ-10.

Note: Once the differential pressure switch has connected a voltage > 24 V and a current > 0,1 A, the gold layer at the contacts will have burnt away. Thereafter, the differential pressure switch can only be operated at this or a higher power.

Note: The hose set is not a part of the delivery scope and must be ordered separately.

Technical Data:

Dimensions of housing:	86 x 46,5 x 90 mm
Number of outputs:	2
Number, control range:	1

Output signal: switching Output signal: switching Rated impulse voltage: 4000 V Operating voltage: none Pressure: ves Pressure connection: 6.2 mm setting range to: 500 all data in Pa setting range: setting range from: 30 Electrical connection: Screw-type terminals black Colour of housing: Sensor: Pressure membrane Function type: Monitors Hysteresis: approx. 10...25 Pa depending on the setting range Internal setting: ves -15...+80 °C Storage temperature: Scope of supply: Differential pressure switch with angle bracket Material of housing: Plastic 5000 Pa max. pressure: max. sensor temperature: 80 max. switching voltage: 230 VAC, 50 Hz 24 VDC max. switching current: 1,5 (0,4) AAC 1 (0,2) ADC Medium: Air, not aggressive min. switching voltage: 12 VAC, 50 Hz 12 VDC min. switching current: 1 mA Installation/fastening: Wall mounting Surface quality: matt potential-free: yes Control range up to: 500 Control range from: 30 switches if the pressure is undershot or overshot Control function: Switching element: Microswitch Switching contact: Toggler, gold contact 345 WAC, 24 WDC Switching power: Degree of protection: IP 54 Protection class: Ш Safety and EMC: according to DIN EN 60730 yes Set point adjuster: Ambient temperature up to: 80 Ambient temperature from: -15 Degree of fouling: Ш Accessories: connection set: JZ-06/1 permissible medium temperature: -15...+80°C

Ciruit Diagram:

