

FLUX3 - AIR FLOW SWITCHES

Controlling the flow of air and non-corrosive gases. Alarm signal for flow shortage (safety switch).

Applications

- Well-suited in air ducts, air conditioning and air handling systems.



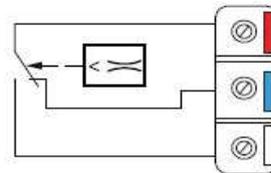
Model	Min cut-out value m/s	Min cut-in value m/s	Max cut-out value m/s	Max cut-in value m/s
FLUX3-1E	1,00	2,50	8,00	9,20

DESCRIPTION

The units are calibrated at the minimum switch-off value. A higher value can be adjusted by turning the range screw clockwise. Due to the risk of fracture at air speed higher than 5 m/s the paddle must be cut off on the marked side. When the paddle is cut off, the minimum cut-out value increases from 1 m/s to 2,5 m/s. Straights zones should be provided for a length of 5 x diameter upstream and downstream the location of installation to avoid air swirl and paddle instability.

ELECTRICAL CONNECTIONS

Connect the red and white. The red-white contact opens when the value falls below the set level with decreasing airflow. In the absence of flow the contact red-blue closes and can be used as a contact signal or alarm.



Schemes valid in the presence of flow

TECHNICAL SPECIFICATIONS

Electrical contacts	dust-tight microswitch with changeover contacts NO / NC
Switch capacity:	15 (8) A, 24...250 Vca
Working temperature:	-40...+85°C
Internal duct temperature:	-10...+85 °C
Level:	brass
Paddles:	stainless steel Aisi 301
Housing:	base in ABS, transparent PC cover
Dimensions:	140 x 62 x 65 mm
Protection:	IP65, class I



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