

#### Product characteristics

Airflow monitor

Cylindrical type

Process connection: Ø 23 mm

Application

Pressure rating [bar]

1

Medium temperature Gases [°C]

-10...50

Electrical data

Electrical design

AC/DC

Operating voltage [V]

80...250 AC (47...63 Hz AC) / 90...250 DC

Power consumption [VA]

3

Insulation resistance [MΩ]

> 100 (500 V DC)

Reverse polarity protection

no

Outputs

Output function

relay energised when flow is present

Contact rating

3 A (30 V DC / 250 V AC)

Short-circuit proof

no

Overload protection

no

Measuring / setting range

Setting range [cm/s]

100...1000

Greatest sensitivity [cm/s]

100...400

Accuracy / deviations

Max. temperature gradient of medium [K/min]

5

Reaction times

Power-on delay time [s]

60

Response time [s]

3...60

Software / programming

Adjustment of the switch point

potentiometer

Environment

Ambient temperature [°C]

-10...50

Max. relative air humidity [%]

90

Protection

IP 54

Tests / approvals

MTTF [Years]

747

Mechanical data

Process connection

Ø 23 mm

Materials (wetted parts)

sensor surface: titanium

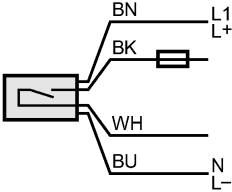
Housing materials

PBT (Pocan)

Weight [kg]

0.203

SL0301 - Airflow monitor - eclass: 27200802 / 27-20-08-02

Displays / operating elements	
Function display	LED
Electrical connection	1 x red / 1 x green
Connection	PUR cable / 2 m; 4 x 0.5 mm²
<b>Wiring</b>	
Core colors	
BN	brown
BU	blue
BK	black
WH	white
	
Note: miniature fuse to IEC60127-2 sheet 1, ≤ 5 A (fast acting)	
Accessories	
Accessories (included)	Mounting clamp (E40048); screwdriver
Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	[piece] 1