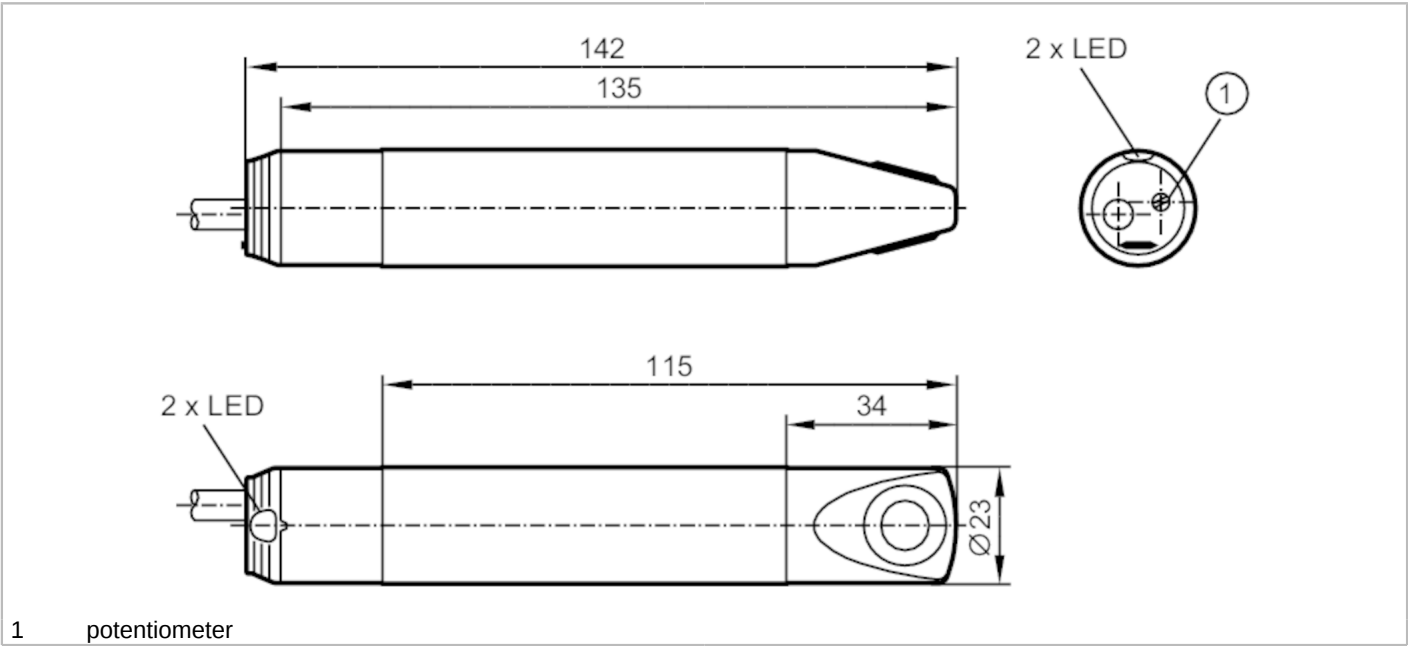


SL0301

Airflow monitor

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Product characteristics		
Number of inputs and outputs	Number of relay outputs: 1	
Process connection	Clamp fitting Ø 23 mm	
Application		
Medium temperature	[°C]	-10...50
Pressure rating	1 bar	0.1 MPa
Electrical data		
Operating voltage	[V]	80...250 AC / 90...250 DC
Max. power consumption	[VA]	3
Min. insulation resistance	[MΩ]	100; (500 V DC)
Reverse polarity protection		no
Power-on delay time	[s]	60
Inputs / outputs		
Number of inputs and outputs	Number of relay outputs: 1	
Outputs		
Output signal	switching signal	
Number of relay outputs	1	
Contact rating	3 A (30 V DC / 250 V AC)	
Switching function flow monitoring	relay energized when flow is present	
Short-circuit proof	no	
Overload protection	no	
Measuring/setting range		
Gases		
Setting range	[cm/s]	100...1000

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Airflow monitor

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Greatest sensitivity	[cm/s]	100...400
Accuracy / deviations		
Max. temperature gradient of medium	[K/min]	5
Reaction times		
Response time	[s]	3...60
Gases		
Response time	[s]	3...60
Software / programming		
Adjustment of the switch point		potentiometer
Operating conditions		
Ambient temperature	[°C]	-10...50
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90
Protection		IP 65
Tests / approvals		
MTTF	[years]	747
Mechanical data		
Weight	[g]	209
Housing		tubular
Dimensions	[mm]	Ø 23 / L = 142
Material		housing: PBT; sensor surface: titanium
Materials (wetted parts)		PBT; titanium
Process connection		Clamp fitting Ø 23 mm
Displays / operating elements		
Display	Function	1 x LED, red
	Function	1 x LED, green
Electrical connection		
Required protection		miniature fuse to IEC60127-2 sheet 1; ≤ 5 A; fast acting
Accessories		
Items supplied		Mounting clamp: 1, E40048
Remarks		
Remarks		Recommendation Check the safe functioning of the unit after a short circuit.
Pack quantity		1 pcs.

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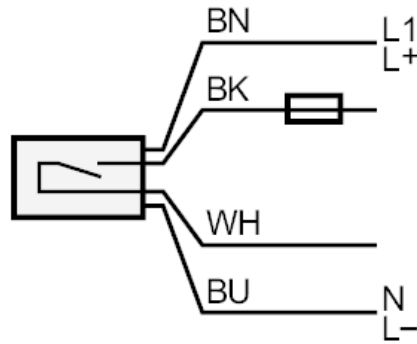
Airflow monitor

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Electrical connection

Cable: 2 m, PUR; 4 x 0.5 mm²

Connection



Note miniature fuse to IEC60127-2 sheet 1 $\leq$ 5 A fast acting
Core colors :

BN = brown
BU = blue
BK = black
WH = white