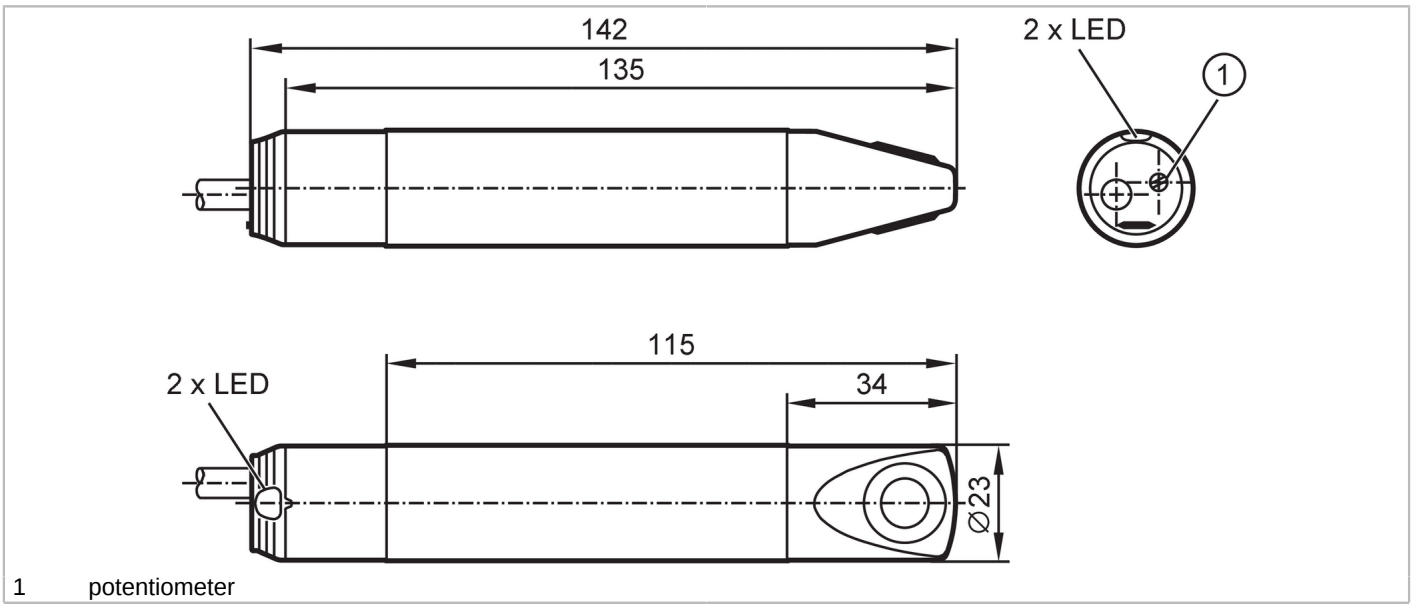
SL0301

Airflow monitor

SLG23CEEAKOA/PH



1 potentiometer

Product characteristics			
Number of inputs and outputs		Number of relay outputs: 1	
Process connection		clamp adapter 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 energised when flow is present	
Short-circuit proof		no	
Overload protection		no	
Measuring/setting range			
Gases			
Setting range	[cm/s]	100...1000	
Greatest sensitivity	[cm/s]	100...400	

SL0301

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SLG23CEEAKOA/PH

Accuracy / deviations			
Temperature gradient	[K/min]	5	
Response 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		cylindrical	
Dimensions	[mm]	Ø 23 / L = 142	
Materials		housing: PBT; sensor surface: titanium	
Materials (wetted parts)		PBT; titanium	
Process connection		clamp adapter 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.	

SL0301

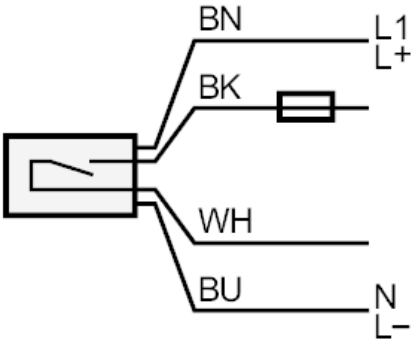
Airflow monitor

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Electrical connection

Cable: 2 m, PUR; 4 x 0.5 mm²

Connection



Note miniature fuse to IEC60127-2 sheet 1 ≤ 5 A fast acting
Core colours :

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