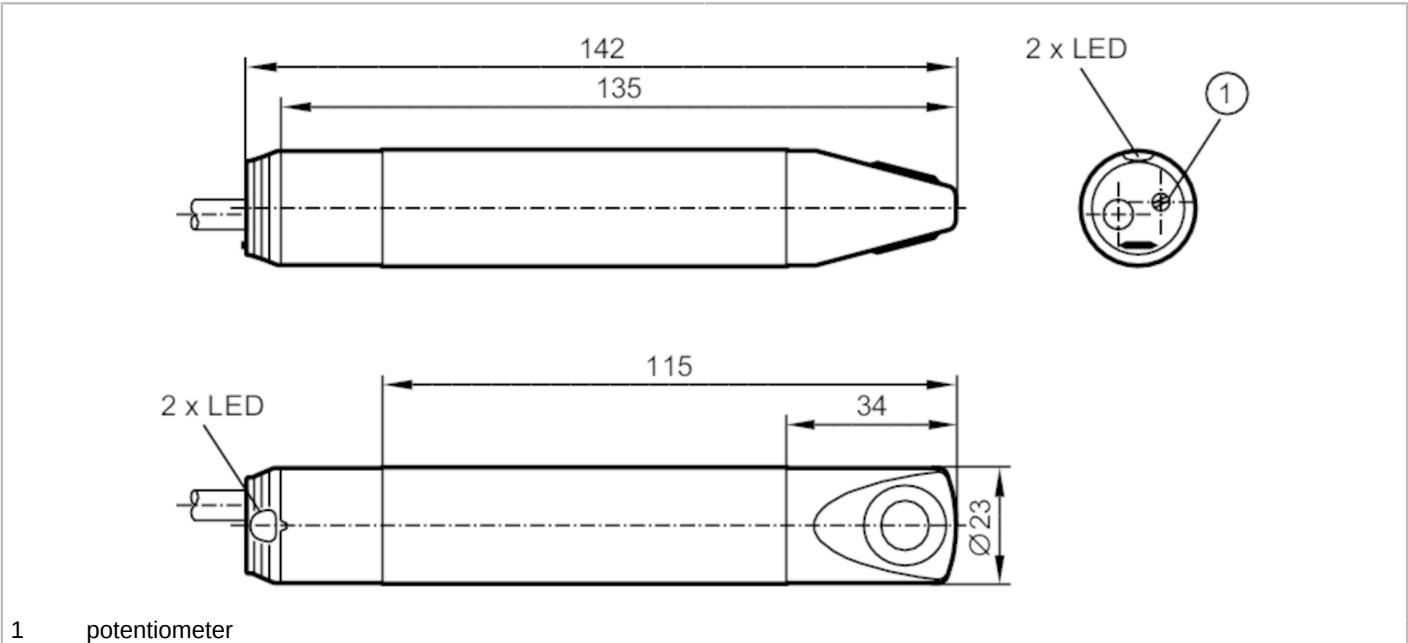


SL5101

Airflow monitor

SLG23CEEAKOG/24VDC



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]	18...30 DC
Current consumption	[mA]	50
Min. insulation resistance	[MΩ]	100; (500 V DC)
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 // cULus: 30 V DC / AC)	
Switching function flow monitoring	relay energised when flow is present	
Measuring/setting range		
Gases		
Setting range	[cm/s]	100...1000
Greatest sensitivity	[cm/s]	100...400
Accuracy / deviations		
Temperature gradient	[K/min]	5

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Airflow monitor

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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]	1202
UL approval	UL approval no.	I029
	File number UL	E174189
Mechanical data		
Weight	[g]	192.5
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
Accessories		
Items supplied		Mounting clamp: 1, E40048
Remarks		
Pack quantity		1 pcs.

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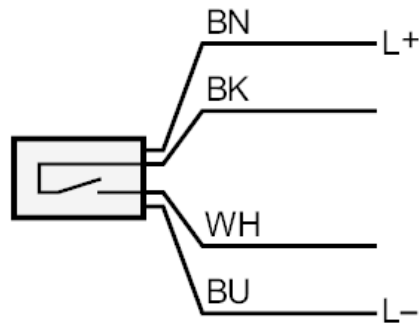
Airflow monitor

SLG23CEEAKOG/24VDC

Electrical connection

Cable: 2 m, PUR; 4 x 0.5 mm², PVC

Connection



BN =	Core colours :	brown
BU =		blue
BK =		black
WH =		white