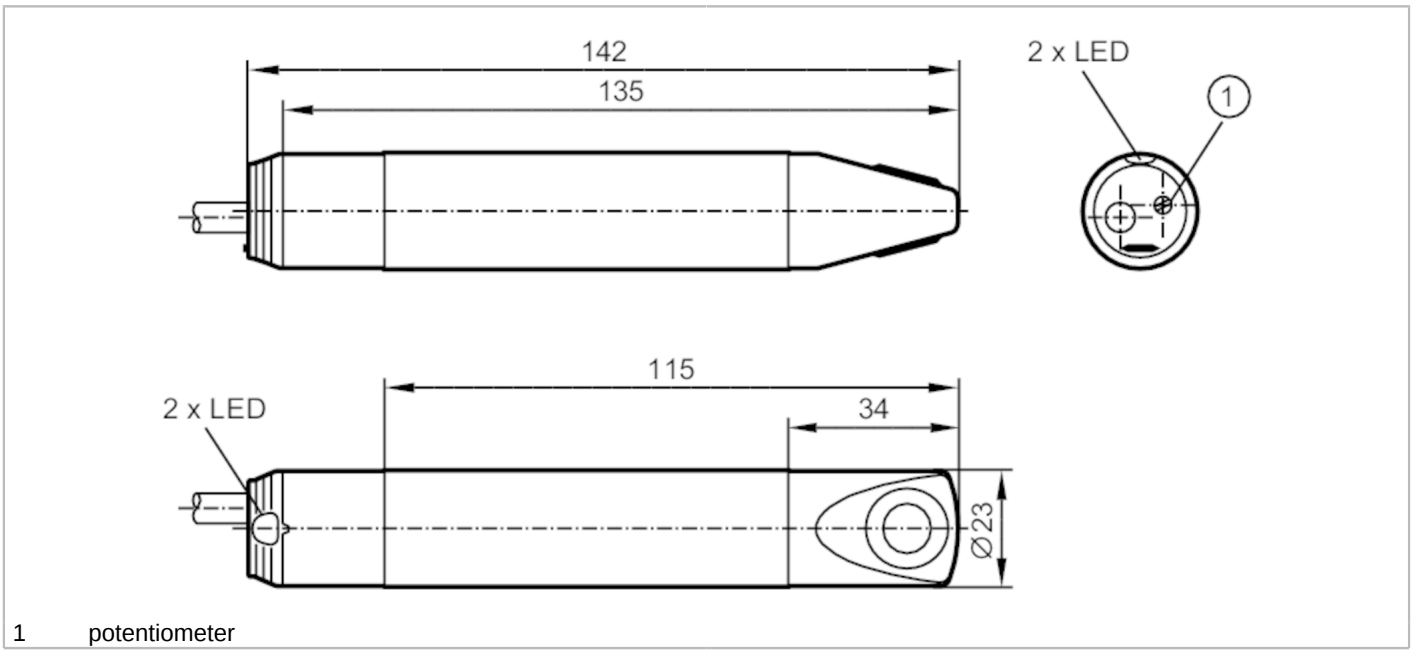
SL5101

Airflow monitor

SLG23CEEAKOG/24VDC



1 potentiometer

Product characteristics		
Number of inputs and outputs		Number of relay outputs: 1
Process connection		Ø 23 mm
Application		
Medium temperature	[°C]	-10...50
Pressure rating	[bar]	1
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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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	
Dimensions	[mm]	Ø 23 / L = 142	
Materials		housing: PBT; sensor surface: titanium	
Materials (wetted parts)		PBT; titanium	
Process connection		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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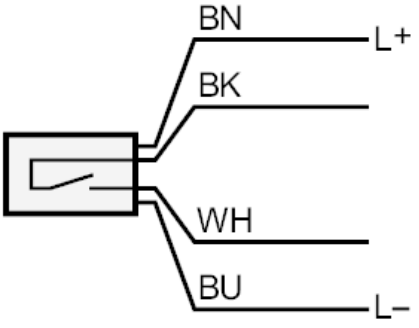
Electrical connection

Cable: 2 m, PUR; 4 x 0.5 mm², PVC

Connection



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