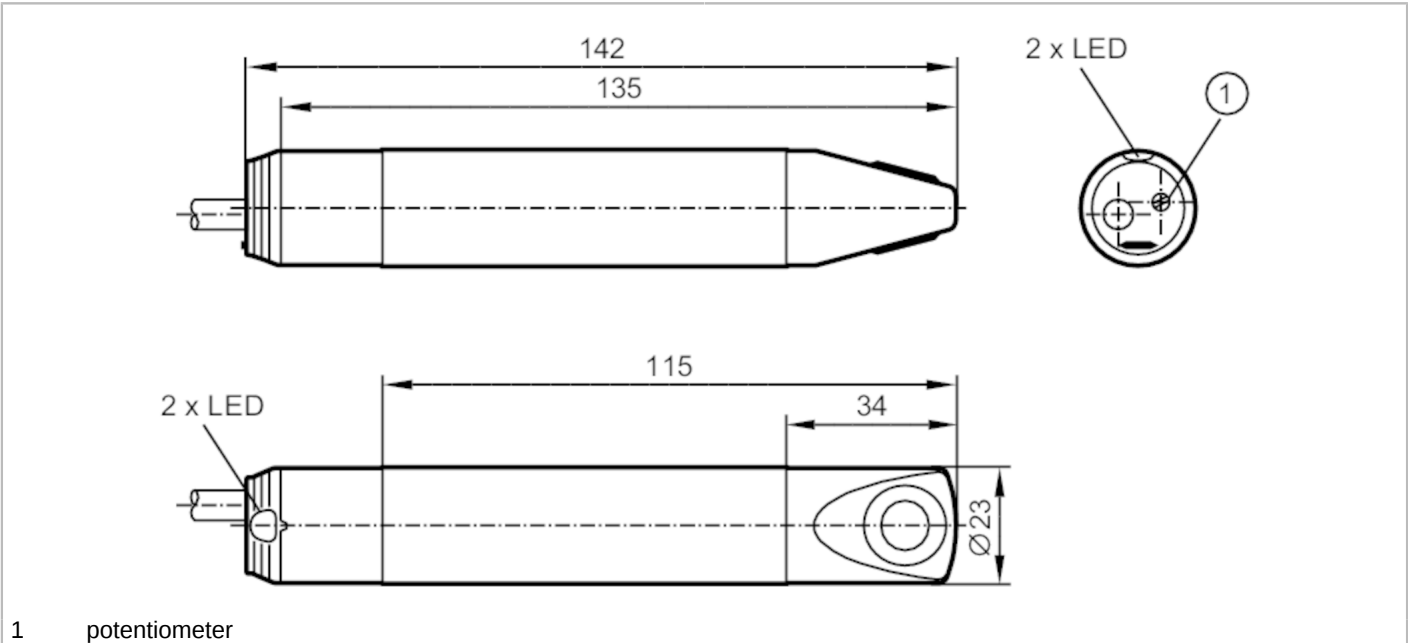


# SL5102



## Airflow monitor

SLG23CEEKOG/N.C./24VDC/6M



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 de-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                               |
| Max. relative air humidity     | [%]             | 90                                     |
| Protection                     |                 | IP 65                                  |
| Tests / approvals              |                 |                                        |
| MTTF                           | [ANN]           | 1202                                   |
| UL approval                    | UL Approval no. | I029                                   |
|                                | File number UL  | E174189                                |
| Mechanical data                |                 |                                        |
| Weight                         | [g]             | 380                                    |
| 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                         |
| Аксессуары                     |                 |                                        |
| Items supplied                 |                 | Mounting clamp: 1, E40048              |
| Remarks                        |                 |                                        |
| Pack quantity                  |                 | 1 pcs.                                 |

# SL5102



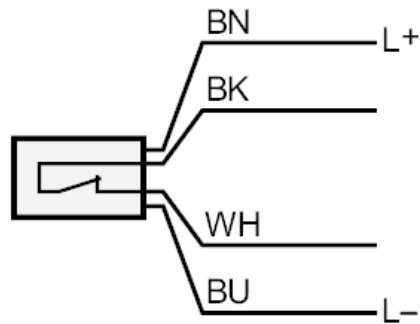
## Airflow monitor

SLG23CEEKOG/N.C./24VDC/6M

### Electrical connection

Cable: 6 m, PUR; 4 x 0.5 mm<sup>2</sup>, PVC

### Connection



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