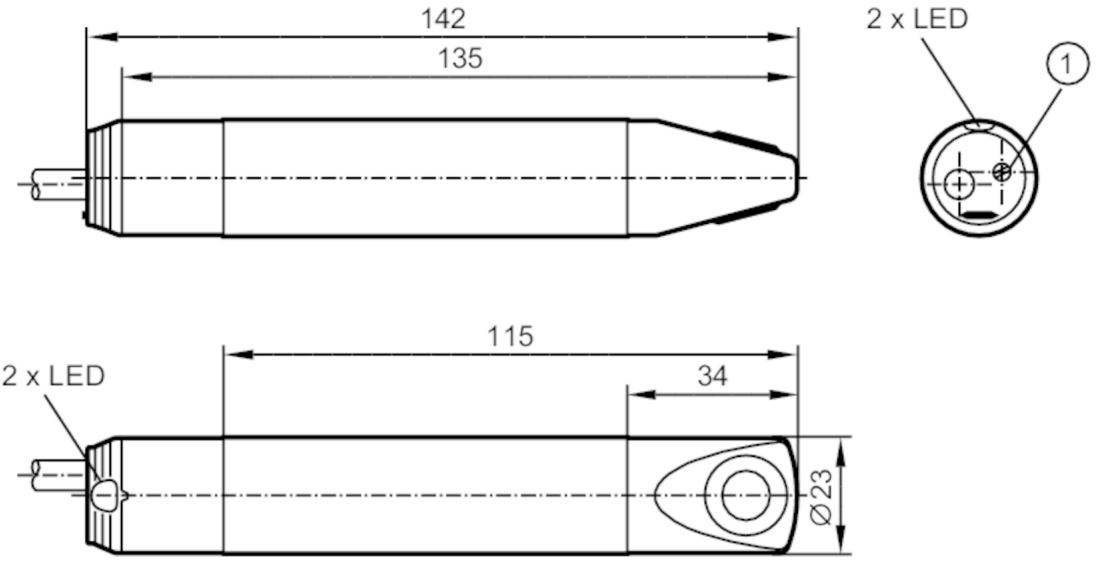
# SL0105

## Airflow monitor

SLG23CEEAKOA/6M/PH




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] | 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 |

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| | | | |
|---|---|---|---|
| Greatest sensitivity | [cm/s] | 100...400 | |
| **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] | 386 | |
| 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 |
| **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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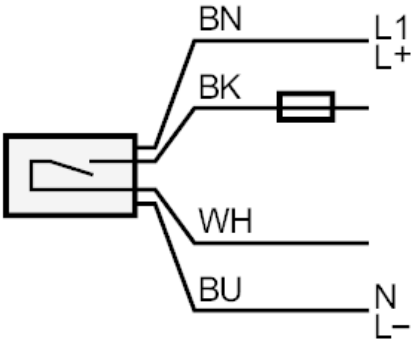
## Electrical connection

Cable: 6 m, PUR; 4 x 0.5 mm², PVC

### Connection




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

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