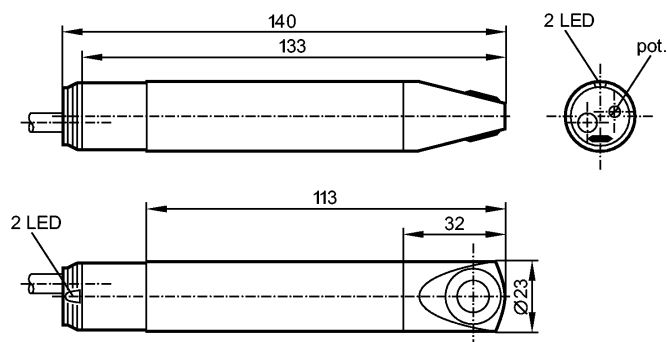


# SL0105

SLG23CEEAKOA/6M/PH

Flow sensors



Made in Germany

## Product characteristics

Airflow monitor

Cylindrical type

Process connection: Ø 23 mm

## Application

Medium temperature Gases [°C] -10...50

## Electrical data

Electrical design AC/DC

Operating voltage [V] 80...250 AC (47...63 Hz AC) / 90...250 DC

Power consumption [VA] 3

Reverse polarity protection no

## Outputs

Output function relay energised when flow is present

Contact rating 3 A (30 V DC / 250 V AC)

Short-circuit proof no

Overload protection no

## Measuring / setting range

Setting range [cm/s] 100...1000

Greatest sensitivity [cm/s] 100...400

## Accuracy / deviations

Max. temperature gradient of medium [K/min] 5

## Reaction times

Power-on delay time [s] 60

Response time [s] 3...60

## Software / programming

Adjustment of the switch point potentiometer

## Environment

Pressure rating [bar] 1

Ambient temperature [°C] -10...50

Max. relative air humidity [%] 90

Protection IP 65

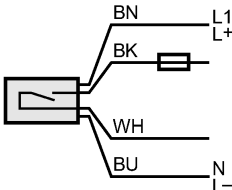
## Tests / approvals

MTTF [Years] 741

# SL0105

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Flow sensors

| Mechanical data                                                              |                                                                                   |                                                                             |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Process connection                                                           |                                                                                   | Ø 23 mm                                                                     |
| Materials (wetted parts)                                                     |                                                                                   | PBT; titanium                                                               |
| Housing materials                                                            |                                                                                   | housing: PBT; sensor surface: titanium                                      |
| Weight                                                                       | [kg]                                                                              | 0.256                                                                       |
| Displays / operating elements                                                |                                                                                   |                                                                             |
| Function display                                                             | LED                                                                               | 1 x red / 1 x green                                                         |
| Electrical connection                                                        |                                                                                   |                                                                             |
| Connection                                                                   |                                                                                   | PUR / PVC cable / 6 m; 4 x 0.5 mm²                                          |
| <b>Wiring</b><br>Core colours<br>BN brown<br>BU blue<br>BK black<br>WH white |                                                                                   |                                                                             |
|                                                                              |  |                                                                             |
|                                                                              | Note: miniature fuse to IEC60127-2 sheet 1,<br>≤ 5 A (fast acting)                |                                                                             |
| Accessories                                                                  |                                                                                   |                                                                             |
| Accessories (included)                                                       |                                                                                   | Mounting clamp (E40048); screwdriver                                        |
| Remarks                                                                      |                                                                                   |                                                                             |
| Remarks                                                                      |                                                                                   | Recommendation: check the unit for reliable function after a short circuit. |
| Pack quantity                                                                | [piece]                                                                           | 1                                                                           |