

Transducer 0-10V=

ACTIVE

LK

CE

For measuring air quality in gaseous media.

Housing : polyamide, colour white

Input voltage : 15-24V=/24V~

Power consumption : Continuous duty approx. 1W

Cable entry : M16

Mounting lengths : 130 / 260 / 390 mm

Sensor pocket : Ø19 mm, material PVC

Ambient temp. : 0°C...+50°C

- Output voltage increases when air quality is bad.
- Offset of output signal variably adjustable via trimming potentiometer
- Operating indication via LED.

Accessories : mounting flange (MF19)
(see accessories)

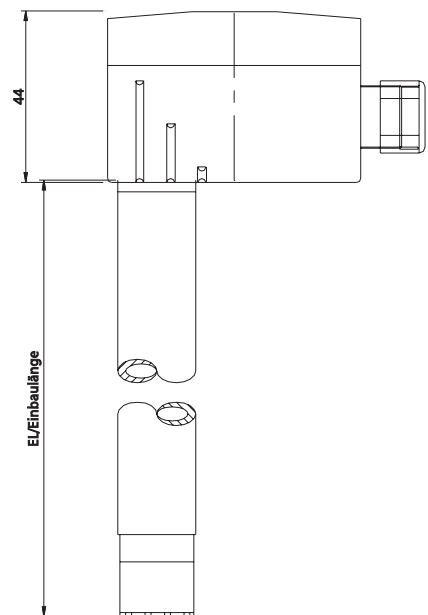


Notes for commissioning of sensor

The sensor cannot distinguish pleasant smells from unpleasant odours. The final judgement whether air quality is satisfactory or not must be made by the persons living in the room. Furthermore the composition of air is different in every room.

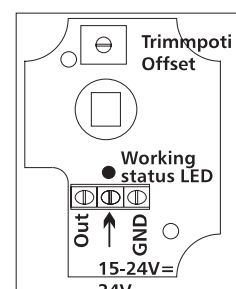
This means that the setpoint for the desired air quality can be preset during production. Optimisation must be done upon installation of the sensor.

The individual adaptation of the output signal is done via a trimming potentiometer on the sensor board. It offers the possibility to increase or reduce the output signal offset.



Commissioning procedure:

1. Connect sensor and switch to operating voltage.
2. Take care for good air quality in the duct.
3. Turn potentiometer to the left until red LED extinguishes. Output signal is now approx. 0.7V.
4. The sensor is now ready for operation. Output voltage increases when air quality is bad.



90.4.1 ACCESSORIES