

762400



**LRS 100 aspirating smoke detector - ESSER, English**



## Approval: VdS

Early fire detection system based on laser technology. The system is optimized for use in the following areas: air conditioned areas (e.g. data processing rooms), laboratories and clean rooms, rooms with valuable things (e.g. museum). Connection via a 781332 reset module (System 8000 / IQ8Control) and with additional 24V supply voltage.

The actuation on the loop and the resetting function is carried out via the esserbus transponder 808613.10.

Actuation on a conventional line is carried out via the reset module 781332. The device requires a separate voltage supply of 24 V DC.

## Features

- Adjustable sensitivity from 0.005 % / m up to 20 % / m obscuration
- 4 programmable alarm levels (alarm, pre-alarm, fire 1, fire 2)
- All alarm levels can be assigned to a time window from 0 - 60s to prevent false alarms
- 2 fault levels (maintenance, fault)
- 7 freely configurable potential free contacts (30 V DC / 1 A)
- Monitoring of filter and air flow to support service
- Event memory up to 18.000 entries
- Daily night operation (different sensitivity levels)
- Connection of up to 4 pipes per detector unit with an overall length of up to 200 m. It is possible to extend the overall length under consideration of the air transport time (100 s according to the VdS)
- Auto learn function to determine the best sensitivity level (the system stays armed during the self learning algorithm)
- Programmable with tools LRS 200 (761504) / 210 (761505) or with a PC and the PC-interface LRS 300 (761506) and Windows© software 797595 CD ROM with Software VConfig PRO and ASPIRE (these components are not supplied as standard)
- It is possible to compensate the environmental conditions with a reference detector
- Integration of up to 99 detector systems by the bus system "VESDAnet™"
- The alarm, fault and operation status is shown on the front panel
- Pipe configuration with "ASPIRE" software, 797595 CD ROM with Software VConfig PRO and ASPIRE
- Actuation and resetting is carried out via the esserbus transponder 808613.10 during loop operation



Connection via the 781331 / 781333 reset module (System 8000 / IQ8Control) and with additional 24V supply voltage.

762410



**LRS 100 aspirating smoke detector - ESSER, French**

762420



**LRS 100 aspirating smoke detector - ESSER, Italian**

762430



**LRS 100 aspirating smoke detector - ESSER, Spanish**