

## VESDA LaserFOCUS VLF-250



### Features:

- Plug & play function (simple installation and commissioning)
- Laser based smoke detection
- Programmable alarm threshold value
- Two-level air filtering
- 10 digit integrated bargraph display
- Integrated debugging function
- Event memory for up to 18,000 events
- Relay output: 3 changeover relays
- Actuation and resetting is carried out via the esserbus transponder (Part No. 808623) during loop operation
- Stand-alone system

**Part-No.: VLF-250**  
**Approval: VdS**

Active stand-alone detection system based on laser technology for the early detection of fires in small areas.

The actuation on the loop and the resetting function is carried out via the esserbus transponder (Part No. 808623). Actuation on a conventional line is carried out via the same transponder. The device requires a separate voltage supply of 24 V DC.

Operating voltage	18 ... 30 V DC
Quiescent current @ 24 V DC	max. approx. 220 mA
Alarm current @ 24 V DC	approx. max. 295 mA
Contact load relay	2 A @ 30 V DC NO/NC
Sensitivity	0.005 % - 20% obs/m
Connection terminal	0.2 ... 2.5 mm <sup>2</sup>
Maximum tube length	25 m
Area to be monitored	250 m <sup>2</sup>
Temperature range	0 °C ... 40 °C
Ambient temperature	0 °C ... 40 °C
Air humidity	< 95 %
Type of protection	IP 30
Weight	approx. 2 kg
Specification	EN 54-20, Class A, B, C
Dimensions	W: 255 mm H: 185 mm D: 90 mm



Filter included in detector

### Accessories:

VSP-005                      VESDA Filter for VLP, VLS, VLF, VLC