

## Linear Smoke Detector LRMX

**Part-No.: 761400.10**

**Approval: VdS**



The linear smoke detector with a flame resistant ABS plastic housing in compliance with EN 54-12 consists of detector, operating and control unit. The connection to the esserbus and the resetting is carried out via the esserbus transponder 808623. This device requires an external voltage supply of 24 V DC for the galvanic separation of D.C. voltage potentials and the voltage converter Part No. 781337 is to be used in order to avoid ground faults. The LRMX has a range of 40 m using one single reflector. For longer ranges you have to consider the reflector set for the corresponding range enhancement (Part No. 761401.10 or 761402.10). Another alternative is the Nano coated reflector (Part No. 761411, 761412 or 761413) or with additional mounted heating (Part No. 761421 [up to 80 m] or 761422 [up to 100 m]) for applications in heavy environment conditions.

### Features:

- Motorized detector head
- User-friendly commissioning via automatic self-adjustment
- Disturbance-protected operation via automatic electromechanical tracking of the detector head during building movements
- Optimal access via remote operating unit at eye level
- Clear representation of all states via central indicator display on the operating unit
- High level of protection from moisture for usage under difficult environmental conditions
- Activation and reset via esserbus transponder 808623 during loop operation

Operating voltage	10,2 ... 30 V DC
Current consumption	3.5 mA (in all operational states), 17 mA in fast commissioning
Range	7 ... 70 m
Ambient temperature	-10 °C ... 55 °C
Air humidity	< 10 % (non-condensing)
Type of protection	IP 65
Weight	approx. 2,05 kg
Dimensions	W: 155 mm H: 180 mm D: 137 mm



Detector, operating and control unit