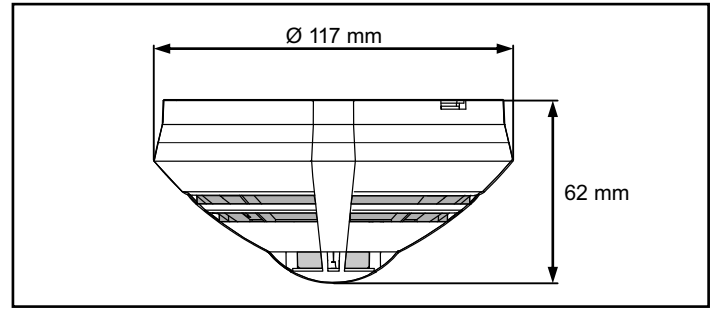
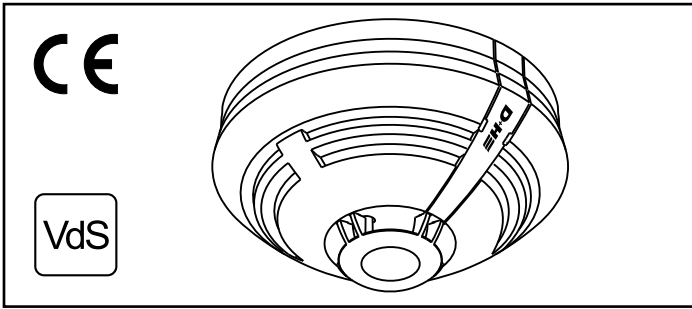




SD-O 371 / FD-T 271

Original instructions



Intended use

- Automatic point-type fire detectors for connecting to D+H smoke vent and fire door control panels.
- SD-O 371 – Optical scattered light smoke detector for reliable early detection of fires.
- FD-T 271 – Thermo-differential detector for reliable detection of fires with a fast rise in temperature and integrated maximum-value triggering for detection of fires with a slow rise in temperature. With a black ring on the fibre-optic plate.

Safety notes

- Connection has to be carried out only by an authorized electrical specialist.
- Perform the installation in accordance with national requirements, e.g. DIN VDE 0833, Part 2 and DIN 14675.
- Fire detectors serve to protect persons and property and must be checked after installation and during annual maintenance to make sure they function properly.
- Only test fire detectors using the approved test devices.
- Unauthorised actions (in particular opening, cleaning and painting) on the fire detectors are prohibited and will result in the loss of warranty coverage and EN 54 certification.
- Only for inside mounting.
- Just use unchanged original D+H parts.

Performance features

- Extended operating time up to 8 years, thanks to electronic compensation for long-term effects of dirt or ageing.
- Individual display for alarm.
- Automatic self-monitoring of function and state.

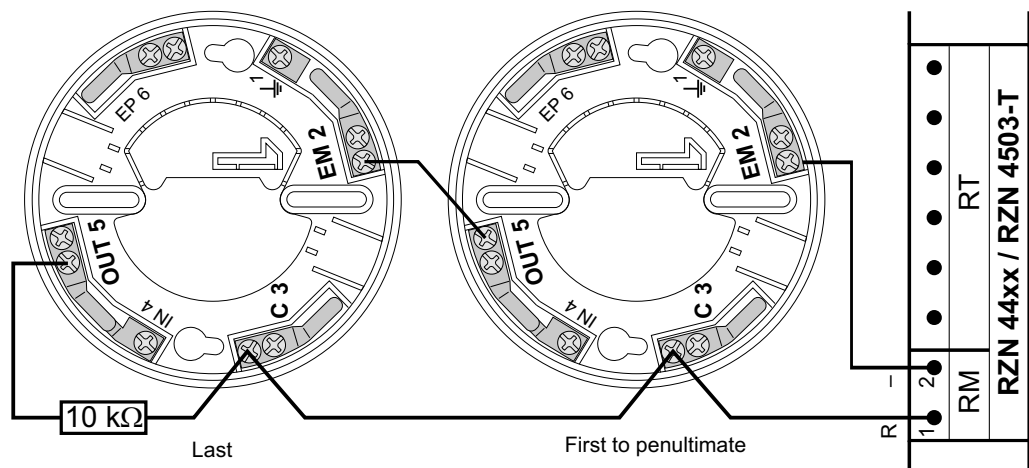
Technical data

Type	SD-O 371	FD-T 271
Operating voltage	8 V DC ... 42 V DC	
Nominal voltage	24 V DC	
Quiescent current	ca. 55 µA @ 24 V DC	ca. 50 µA @ 24 V DC
Alarm current	ca. 9 mA	
Monitored area	max. 110 m ²	max. 30 m ²
Mounting height	max. 12 m	max. 7,5 m
Alarm indicator	LED rot / red / rouge / rojo	
Air velocity range	0 ... 25,4 m/s	
Storage temperature	-25 °C ... +75 °C	
Temperature range	-20 °C ... +72 °C	-20 °C ... +50 °C
Ambient humidity	<= 95 %	
Ingress protection	IP 40	
Terminals	0,6 mm Ø ... 2 mm ²	
Housing	ABS	
Colour	weiß / white / blanc / blanco (~ RAL 9010)	
Weight	ca. 110 g	
Specification	EN 54-7	EN 54-5 A1R
VdS approval	G 213066	G 213069

Connection example

Observe the circuit diagrams in the control panel's instructions for use!

Terminal resistor for line monitoring
It is pinched in control panel for transport.



When replacing old FO 1362 or FT 1262 fire detectors, observe the service information for the SD-O 371 / FD-T 271. Ask your D+H partner.