



Fiber Optic Linear Heat Detector LHD-2-8

LHD-2-8 detects fires along a fiber optic cable, based on parameters selected via user interface. Determination of the fire location allows to identify the area (room) where fire is detected, even when the cable is destroyed as a result of the fire.

Two cable types can be used:

- with LSZH jacket - for operating temperatures up to 80°C or
- with silicone rubber jacket - for operating temperatures up to 200°C.



Main specifications:

Number of channels	2
Max length of fiber optic cable, km	8
Spatial resolution, m	4
Max number of controlled areas (zones, rooms)	2000
Temperature resolution, °C	+/- 2
Sampling time per channel, sec	8
Fiber type	MM 62.5/125 or MM 50/125
Operating temperature, °C	+10...+55
Max number of relay outputs	up to 240 (including 34 internal)
Interface	RS-232
Max resistance of closed relay contacts, Ohm	30
Power supply, V	10 - 29 or 220
Current, A	0.45 - 0.9
Protection class	IP54 or IP66
Dimensions, mm	500 * 500 * 216
Weight, kg	15

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