



Part of Consilium Safety

# Rate of Rise Heat Detector FD8020R



The fire detectors **FD8020R** and **FD8020S** provide reliable early warning of a fire condition upon ambient temperature reaching a fixed temperature threshold. They are available in two versions (A2R for FD8020R and A2S for FD8020S) depending on the temperature threshold in accordance with the European Standard EN54-5.

The fire detectors are suitable for premises with normal or high ambient temperature, with possible sudden changes.

*Fixed Heat Detector (normal temperature) - UL certified model of 8010S also available - part number: FD8020S*

Certification:



## Technical Features

Supply Voltage	(10-30)V DC
Current Consumption in Duty Mode	80 $\mu$ A / 24V DC
Fire Condition Current	with base type DB8000: (8-25) mA
Terminals	for wires with cross-section (0.5-1.5) mm <sup>2</sup> degree of protection: IP43 (not verified by UL)
Operational Temperature Range	minus 10°C - plus 50°C
Relative Humidity Resistance	(93 $\pm$ 3)% at 40°C
Sensitivity and Temperature Class	in accordance with EN54-5, category A2S for FD8020S and category A2R for FD8020R
Mounting	bases of series 50
Dimensions, Base Included	Ø100 mm, h 47mm
Casing Material	ABS plastics, white
Weight, Base Included	0.100 kg
Protected Area	circle with diameter 10m, h 8m