

DATASHEET

FHSD8015-99

LaserSense 10 High Sensitivity Smoke Detector

MAIN FEATURES

- LaserSense 10 High Sensitivity Smoke Detector

Product image is not available

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	21.6 to 26.4 VDC
Current consumption	250 mA

Inputs / outputs

Output quantity	2, 1x Alarm (n/o), 1x Fault (n/c)Optional input and relay card
Output type and rating	500 mA @30 V

Physical characteristics

Inlet size	27 mm OD
Physical dimensions	145 x 220 x 85 mm (W x H x D)
Net weight	1.7 kg
Colour	Cream
Mounting type	Surface mount
Material (body)	Sheet steel enclosure

Environmental characteristics

Operating temperature	-10 to +60°C(EN54-20)
Relative humidity	0 to 90% noncondensing
Environment	Indoor
IP rating	IP40

Other characteristics

Status indication	LED
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TECHNICAL SPECIFICATIONS

Alarm levels	4 (Aux, Pre-alarm, Alarm, Alarm 2)
Detection principle	Laser light scattering mass detection and particle evaluation
Range	0.3 to 25 %Obs/m (Sensitivity)
Particle sensitivity range	0.003µ to 10µ
Length	50 m maximum run (25 m in moving air)
Quantity sampling holes	up to 2 holes, Class A (high sensitivity) up to 4 holes, Class B (enhanced sensitivity) up to 10 holes, Class C (normal sensitivity)
Inlet quantity	1
Exhaust	1 (optional)
Cable entries	2 x M20
Certification	EN54-20
SenseNET (RS-485)	Not supported
Category	Reference
Detection device	FHSD8025-09