

Product data sheet

Specifications

Imager, OSI-10, 7° coverage



FFS06432701

Main

Range of product	Esmi special detection application
Product or component type	Beam detector
Detection type	Smoke

Complementary

[Us] rated supply voltage	20...30 V DC
[Ue] rated operational voltage	24 V DC nominal
Current consumption	8 mA at 24 V DC for 1 emitter 31 mA at 24 V DC peak
Local signalling	LED (red) for alarm LED (green) for power ON LED (yellow) for fault
Load current	2 A at 30 V DC relay load for fault 2 A at 30 V DC relay load for alarm
Operating distance	30...150 m with OSE-SPW
Alarm threshold	20 % 0.97 dB low - highest sensitivity/earliest alarm 35 % 1.87 dB medium - medium sensitivity 50 % 3.01 dB high - lowest sensitivity/maximum immunity to nuisance smoke conditions
Operating position	+/- 2° maximum misalignment angle +/- 60° adjustment angle horizontal +/- 15° adjustment angle vertical
Field of view	8°
Cable cross section	0.2...4 mm² - AWG 26...AWG 12
Width	208 mm
Height	136 mm
Depth	96 mm
Product weight	610 g

Environment

Standards	EN 54-12
Product certifications	CPR
IP degree of protection	IP44 for electronics IP66 for optics enclosure
Relative humidity	10...95 % non-condensing

Ambient air temperature for operation	-10...55 °C
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.2 kg
Package 1 Height	17.0 cm
Package 1 Width	20.0 cm
Package 1 Length	32.0 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

Recommended replacement(s)