

## Description

Autonomous smoke optoelectronic fire detector ИП212-69/3М is designed for the detection of the beginning of ignitions with smoke emission inside the different types of buildings and constructions (including living space). Fire detector starts to make sound signals when it detects the smoke blanketing.

The work of the detector is based on the periodical control of the optical density of the environment and the comparison of the data with the limit values. When the smoke blanketing is more than the limit value the detector starts to make the special alarm sound signal («the Fire» signal).



- The battery of «the Krone» type.
- Meets the requirements of GOST P 53325-2012, НПБ 66-97, НПБ 57-97.
- You can try the detector with the button press.
- It is possible to unite from 2 to 40 of the detectors in one network (it is the additional option; you need to point it while making the order).
- Low battery alert.

Supply voltage	9 V (from the battery of «the Krone» type)
Current consumed by the signaling device in standby mode	30 $\mu$ A
Current consumed by the signaling device in «the Fire» mode	7 $\pm$ 2 mA
Voltage of the «Low battery» signal	7,5 $\pm$ 0,2 V
Responsiveness of the detector	0,05 $\div$ 0,2 dB/m
Response time of the signaler	6 s
Protected space from not more 6 m height	70 m <sup>2</sup>
Volume level of the audio signal	85 dB
The detector keeps working despite: - 10 m/s airflow - 12000 lx artificial or natural light sources	
Range of the working temperature is from -10 <sup>0</sup> C to +55 <sup>0</sup> C with the relative humidity 93% and the temperature +40 <sup>0</sup> C	
Dimensions	Ø 100 mm, H – 50 mm
Weight (with the battery)	0,2 kg
Level of the protection of the housing according GOST 14254-2015	IP40
Average service life, no less than	10 years
Mean time between failures	60 000 h
Appliance class according GOST 12.2.007.0-75	III