



## Distinctive features

- Fast operation: giving the “Fire” signal within 0,2 – 0,5 seconds from the moment of ignition;
- Interference immunity at the cut of the window with background light without giving the “Fire” signal: for scattered sunlight – to 5000 lux; for fluorescent lamps – to 2500 lux; for incandescent lamps – to 250 lux;
- The ability to detect smoldering fires by applying of forced modulation of the light flux;
- The possibility to conduct periodic remote check of sensors due to the built-in simulator of infrared radiation.

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## 1. Purpose

Flame sensor MDP is intended for the detection of fires and smoldering seats of fire by infrared radiation and the giving of a signal to the input of [modular receive and control fire protection device PPKP-M](#) (see the appropriate [section of the catalog](#)).

## 2. Specifications

№	Name	Value
1	Spectral sensitivity	Infrared radiation with a length of wave from 3.5 to 5.0 $\mu\text{m}$
2	Sensitivity to the flame of test seats of fire TP-5 and TP-6 according to GOST P 50898-96	no less than 25 m
3	Viewing angle of the sensor	90°
4	Permissible light at the cut of the window of the sensor, no more	- from scattered sunlight 5000 lux; - from fluorescent lamps 2500 lux; - from incandescent lamps 250 lux;
5	Electric power supply	24 V $\pm$ 2 V
6	Temperature of operation	from -30 to +50°C
7	Degree of protection of the shell	IP 68
8	Weight, no more	1,0 kg
9	Dimensions	195x80x60 mm
10	Operation period, no less	10 years

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