

SHD12R



Conventional 4 Wire Smoke +Heat Detector

(Family - Fire)

Product Description:

This product consists of photoelectric smoke and heat detector. It detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke which can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light but does not affect the smoke into it. While there is no smoke, the diode can receive very weak infrared light. When it detects smoke then gives alarm signal to control panel.



Application:

- Shopping malls
- Residential buildings
- Chemical factories

Product Features:

- Fire LED indication.
- Dual sensing input (smoke + heat)
- Remote LED indicator output
- Stylish look
- Compatible with all fire panel
- Low standby current



Vignaharta Technologies Pvt. Ltd.
(formally known as Realty Automation and Security Systems Pvt. Ltd)
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Technical Specifications:

General specifications	
Standby current	4 mA (relay NO) 13 mA (relay NC)
Operating voltage	9 to 33 VDC
Alarm current	19 mA (relay NO) 9 mA (relay NC)
Working temperature	10° C to 60° C
Heat detection level	> 57° C
Colour	White
Humidity	0% to 95 % Rh
Contact rating	0.5A @ DC 28V
LED indications and output	
LED colour	RED (in fire condition continuous glow)
Output	Relay output
Warranty	One year

Abbreviations	
SHD12R	S-Smoke H- Heat D- Detector 12- Operating voltage R- Relay

Datasheet version with date (V.2 Oct. 2020)



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