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## SHD12R - Conventional 4 Wire Smoke + Heat Detector

### 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 doesn't affect the smoke into it. While there is no smoke, the diode can receive very weak infrared light if detects smoke give 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

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### Specifications

<b>General Specifications</b>	
Standby Current	4mA (Relay NO) 13mA (Relay NC)
Operating voltage	9 to 33VDC
Alarm Current	19mA (Relay NO) 9mA (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@DC28V
<b>LED Indications and Output</b>	
LED Colour	RED (In Fire condition continuous glow)
Output	Relay output
<b>Warranty</b>	
	One Year

### Abbreviations

SHD12R	S-Smoke H- Heat D- Detector 12- Operating voltage R- Relay
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Datasheet Version with Date (29/07/2020)