















Fire Detection System Components

UV-IR OPTICAL DETECTOR



- Optical detectors detect heat and light waves at different frequencies by UV and IR sensors within it, makes required matches and send flame signal to control box. Detectors are genuinely designed by ARESFSS Industry engineers applying to NATO Stanag 4317 and American MIL PRF 62546C standards. UV-IR flame detectors have also successfully passed high temperature, low temperature, humidity, shock-vibration, corrosion and EMI/EMC tests as per MIL-STD-810H and MIL-STD-461F standards.
- Detectors have been specially designed as IP67 and can stay under 1 meters of water for half an hour. The detectors also having protection for false alarms, do not react against false alarms such as sunlight, vehicle headlights, welding beam, infrared heater, cigarette ash.

TECHNICAL SPECIFICATIONS	
 Detection in a time period less than 3 ms	 Ultraviolet (UV) and Infrared (IR) Sensor
 Power supply: 24 VDC nominal	 Operating temperature: -51°C / +120°C
 Storage temperature: -55°C / +150°C	 Power consumption: 70 mA @ 24VDC
 Weight: 480g ±50g	 Dimensions: 85x49x100 mm (±5mm)
 140° Blind Detection	 Compatible to CAN-BUS J-1939
 IP 67 Water and Dust Protection	 Advanced Software Algorithm