NERO INDUSTRIES

ARES FIRE SUPPRESSION SYSTEM

HT / UV-IR OPTICAL DETECTOR (STANAG 4317)

- The Optical UV/IR Detector has a high speed response and can be installed in the military, tactical and combat vehicles.
- The micro controller based detector, enables the sensitive adjustment reliability and other specifics to the apalication.
- With added compatibility of CANBUS (J-1939) Option, a serial communication port provides outputs the main controller units of the vehicle.
- Simultaneous radiation detection in the UV and IR ranges of the electromagnetic spectrum (which are characteristic of fire) will come out from the detector as an output signal.
- All other of radiation sources, that are not identified as fire, will be accepted as a false alarm and not be detected.

FEATURES

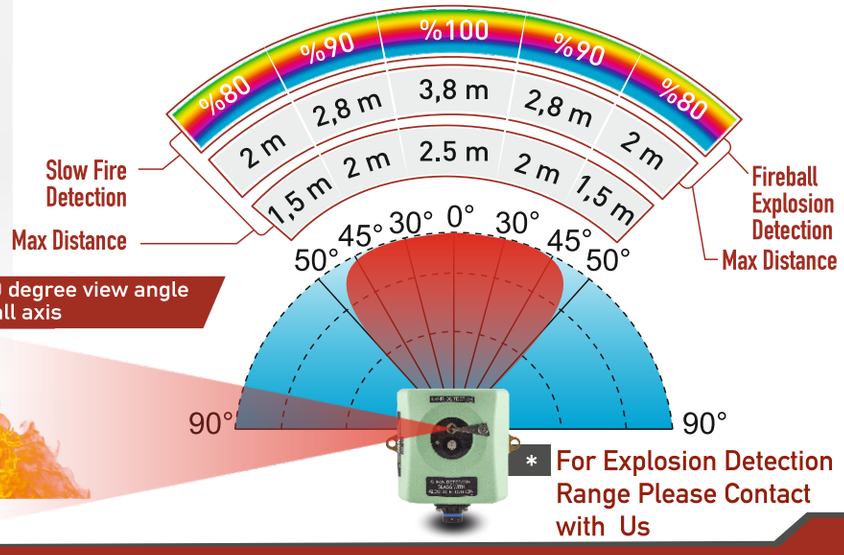
- High Speed Response - less than 3 msec
- UV/IR Dual-Sensor
- Automatic Built-In Test (BIT)
- Thermal Sensor
- Big/Small fire alarm signal discrimination
- Advanced Software Algorithm
- Thermal Self Calibration
- 140° Blind Detection
- Immunity to False Alarm according to STANAG 4317
- CANBUS (J-1939) Option
- Senses even slowly growing fire
- MTBF Minimum 150,000 Hours
- 10 years shelf life
- Power Supply : 24 VDC nominal (16-32V)
- Power Consumption : 70 mA @ 24 VDC
- Storage Temperature : -55°C to +150°C
- Operation Temperature : -55°C + 120°C
- Weight : 480 g ± 50g
- Dimensions WxDxL: 85 x 49 x 100 mm (±5 mm)
- Aluminum chromate coating
- Vibration and Shock resistance
- Salt spray test resistance 800 hours
- IP67 Water and dust ingress protection
- IPC A-610 Class-3 Produced PCB
- MIL-STD 461G, MIL-STD 810G Compatible
- MIL-STD 1275E Compatible
- UL, CE GOST-R Certification

COLOR CODE

- RAL3000
- RAL6019
- FS 33245
- RAL 9010

Output Pin Diagram

Connector 24VDC	MS3474W10-6P
Power	A
GND	B
Detector COMM	C



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- Operation Temperature : -47°C + 85°C
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