

## Explosion proof

Order-No. SLR-E-IS



### Photoelectric smoke detector I.S.

- conventional to be interfaced with SCI933 and safety barrier
- designed and approved for hazardous area
- removable chamber for easy maintenance
- ATEX No: BAS01ATEX1281 (no VdS)
- BASEFA No: 01(C)0665
- Technical specification:
  - operating voltage: 15-30VDC
  - standby current: 50µA
  - alarm current: max. 40mA
  - operating temperature: -10°C to 5°C
  - relative humidity: max. 95%
  - colour: ivory
  - dimensions: Ø100x46mm with base
  - weight: 115g, 160g with base

Order-No. DCD-E-IS



### Heat detector I.S.

- conventional to be interfaced with SCI933 and safety barrier
- designed and approved for hazardous area
- removable chamber for easy maintenance
- ATEX No: BAS01ATEX1281 (no VdS)
- BASEFA No: 01(C)0665
- Technical specification:
  - operating voltage: 15-30VDC
  - standby current: 50µA
  - alarm current: max. 40mA
  - operating temperature: -10°C to 5°C
  - relative humidity: max. 95%
  - colour: ivory
  - dimensions: Ø100x46mm with base
  - weight: 115g, 160g with base

Order-No. YBN-R/4IS

### Mounting base for SLR-E-IS and DCD-E-IS

- detector base for Ex-proof detectors SLR-E-IS and DCD-E-IS

Photograph not available

Order-No. 20/20U



### UV flame detector

- conventional detector
- UV sensor for detection of invisible flames from fuels such as: Hydrogen, Hydrides, Ammonia, Silane and other inorganic fuels
- Detection within 3 sec for 0.1m<sup>2</sup> pan gasoline fire
- certified ATEX EX II 2G, EExd IIB + H2 T5 (70°C) ,T4 (85°C)
- Technical specification:
  - supply voltage: 18-32VDC
  - supply current: 80mA quiescent /120mA alarm
  - field of view: 90° horizontal/ 90° vertical
  - spectral response UV: 0.185 - 0.260 microns.
  - dimensions: 120 x 132 x 132mm
  - IP rating: IP67
  - weight: 3.7Kg

**Order-No. X 9800****Infrared Flame Detector**

infrared flame detector to ensure the detection of hydrocarbon fires in industrial application such as turbines, petrolchemical, automotive industry, projects with high contamination

- automatic optical self-testing
- microprocessor controlled heated optics
- reliable detection even in case of more than one fault at the same time
- detects a n-heptane fire of 0.1 m<sup>2</sup> size at a distance of up to 15 meters
- high speed detection - 40 ms
- field of view 90°
- tri-colour LED indication for normal, alarm and fault
- mounting plate vibration-free after MIL
- event monitoring over built-in data logging
- maintenance mode over magnet
- modular housing design
- Technical specification:
  - supply voltage: 18-30VDC
  - supply current: 80µA quiescent /550mA alarm
  - interface: RS 485, 4-20 mA
  - relay outputs: 2x alarm, 1x fault
  - sensitivity N-Heptan: 0.1 m<sup>2</sup> at 15m distance, less than 15 sec. Methan: 30" flame at 10,5m distance, less than 10 sec.
  - operating temperature: -40° to +75° C
  - humidity: 0 to 95% - shortly 100% HR
  - protection: IP66
  - housing colour: Red
  - material: Aluminium
  - weight: 2700 gr.
  - dimensions (HxWxD) mm: 119x122x246

**Vds G 203 084**

**Intrinsically safe class: 0538 Ex II 2 GD, ATEX 132195, FM3260**

**Order-No. X 2200****Ultraviolet Flame Detector**

ultraviolet flame detector to ensure the detection of non-hydrocarbon fires in industrial application such as turbines, hydrogen, ammunition, silane.

**Same features as X 9800 with the following differences:**

- detects a n-heptane fire of 0.1 m<sup>2</sup> size at a distance of up to 18 meters
- Technical specification:
  - supply current: 104µA quiescent /253mA alarm
  - sensitivity N-Heptan: 0.1 m<sup>2</sup> at 18m distance, 1 sec. Methan: 30" flame at 21m distance, 1 sec.

**Vds G 203 083**

**Order-No. X 5200****Combined Ultraviolet/Infrared Flame Detector**

combined ultraviolet/infrared flame detector combining in one single detector the benefits of both X 9800 and X 2200 in AND alarm configuration.

**Same features as X 9800 & X 2200 with the following differences:**

- Technical specification:
  - supply current: 116mA quiescent /583mA alarm & heater ON
  - sensitivity N-Heptan: 0.1 m<sup>2</sup> at 15m distance, less than 15 sec. Methan: 30" flame at 10,5m distance, less than 10 sec.

**Order-No. VIREX****IR flame detector**

- conventional detector
- Double IR sensor which permit to measure the exclusive presence of CO2 signature from visible flame
- protection for flammable places
- certified Eex ia IIC T6/LCIE 98.E6072X
- Standard EN54-10
- Technical specification:
  - supply voltage: 15-28VDC
  - supply current: 515µA quiescent /26mA alarm
  - field of view: ±45° / Dmax: 25m
  - spectral response: CO2 signature
  - dimensions: Ø104 x 41mm with base
  - IP rating: 20
  - weight: 125g (including base)

**Order-No. SVEX**

Photograph not available

**Mounting base for VIREX**

- conventional detector base
- protection for flammable places
- certified Eex ia IIC T6/LCIE 98.E6072X with detector
- Standard EN54-10

**Order-No. WR2001 I.S.****Manual Call Point Indoor I.S.**

- Indoor type
- Manual Break Glass Call Point
- Single Pole Changeover contacts
- Certified EEx ia II T4
- BAS00ATEX1245X CE600
- Technical specification:
  - supply voltage: max 30VDC
  - supply current: max 500mA
  - operating temperature: -30°C to 70°C
  - IP rating: 24D

**Order-No. WR4001 I.S.****Manual Call Point Waterproof I.S.**

- Waterproof or outdoor type
- Manual Break Glass Call Point
- Single Pole Changeover contacts
- Certified EEx ia II T4
- BAS00ATEX1245X CE600
- Technical specification:
  - supply voltage: max 30VDC
  - supply current: max 500mA
  - operating temperature: -30°C to 70°C
  - IP rating: 67

**Order-No. VIREX****IR flame detector**

- conventional detector
- Double IR sensor which permit to measure the exclusive presence of CO2 signature from visible flame
- protection for flammable places
- certified Eex ia IIC T6/LCIE 98.E6072X
- Standard EN54-10
- Technical specification:
  - supply voltage: 15-28VDC
  - supply current: 515µA quiescent /26mA alarm
  - field of view: ±45° / Dmax: 25m
  - spectral response: CO2 signature
  - dimensions: Ø104 x 41mm with base
  - IP rating: 20
  - weight: 125g (including base)

**Order-No. SVEX**

Photograph not available

**Mounting base for VIREX**

- conventional detector base
- protection for flammable places
- certified Eex ia IIC T6/LCIE 98.E6072X with detector
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  - supply voltage: max 30VDC
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  - IP rating: 24D

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