Special detection

Order-No. ASD20

Aspiration Smoke Detection
• used with conventional or addressable detectors
• simple and robust architecture
• without VdS or LPCB certificate
• 100m pipe length
• Technical specification:
   operating voltage: 24VDC
   operating current: 250mA / 1st alarm 280mA / 2nd alarm 300mA
   maximal pipe length: 100m / 12 suction holes
   operating temperature: -10°C to 60°C
   dimensions: 314x254x115mm
   weight: 4Kg
   material: polycarbonate

Order-No. RF-ASD20

Exchange filter for ASD20
• exchange filter for ASD20
• dimensions: Ø55x180mm

Order-No. AS-01

Aspiration Smoke Detection
aspiration housing to insert one or two conventional or automaticdetectors
directly connectable to the loop with IOM933
2 outputs for alarm and one fault relays
pipe system with 25 mm pipe connectable,maximum length 50 m
the aspiration pipe is permanent monitored
LED display for operation,alarm and fault
dust filter is included in the delivery
uninterruptible external current supply 24 V DC
• Technical specification:
   operating voltage: 24VDC
   operating temperature: -10°C to 60°C
   humidity: 10 to 95% RH
   dimensions: 165x250x240mm
   material: polycarbonate IP65

Order-No. AIR30750

Laser Aspiration Smoke Detection MICRA 25
• laser detection technology SELV rating (EN 60950) Class III
• laser dust discrimination avoiding false alarms
• artificial intelligence ClassiFire, LPCB approved
• very small dimensions
• Technical specification:
   operating voltage: 22-26VDC
   operating current: 250mA @ 24VDC
   maximal pipe length: 50m / 10 suction holes
   maximal sensitivity resolution: 0.0015 % obs/m
   particle sensitivity range: 0.0003µm to 10µm
   operating temperature: -10°C to 60°C
   dimensions: 135x175x80mm
   weight: 1Kg
   IP rating: IP50
   relay cards on request

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Order-No. AIR30740

Laser Aspiration Smoke Detection MICRA 100
• laser detection technology SELV rating (EN 60950) Class III
• laser dust discrimination avoiding false alarms
• artificial intelligence ClassiFire
• 2 inlet pipes
• Technical specification:
   operating voltage: 22-26VDC
   operating current: 400mA @ 24VDC
   maximal pipe length: 2 pipes 50m / 25 suction holes per pipe
   maximal sensitivity resolution: 0.0015 % obs/m
   particle sensitivity range: 0.0003μm to 10μm
   operating temperature: -10°C to 60°C
   dimensions: 300x220x85mm
   weight: 3.7Kg
   IP rating: IP50
   relay cards on request

Order-No. AIR30621

Laser Aspiration Smoke Detection HSSD II
• laser detection technology SELV rating (EN 60950) Class III
• laser dust discrimination avoiding false alarms
• artificial intelligence ClassiFire, VdS and LPCB approved
• 4 inlet pipes
• Technical specification:
   operating voltage: 22-26VDC
   operating current: 400mA @ 24VDC
   maximal pipe length: 250m/80 suction holes- 200m/100 suction holes
   maximal sensitivity resolution: 0.0015 % obs/m
   particle sensitivity range: 0.0003μm to 10μm
   operating temperature: -10°C to 60°C
   dimensions: 427x372x95mm
   weight: 5.2Kg
   IP rating: IP50
   network: up to 127 subsystems via RS485 - 1.2Km
   relay cards on request

Order-No. Accessories

Accessories for aspiration systems
• accessories for ASD20, AIR30750, AIR30740 and AIR30621
• pipe, elbow, courbe, joint, T-joint, end cap, clip, glue

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Order-No. SCD-03

Analogic temperature Cable Detector
• conventional controller
• fire and fault relay output
• IP65
• VdS approved
• Technical specification:
    operating voltage: 18-30VDC
    operating current: 28mA normal / 58mA alarm
    maximal cable length: 300m
    maximal sensitivity resolution: 0.0015 % obs/m
    relay contact rating (alarm/fault): 1A / 30VDC
    operating temperature: -25°C to 50°C
    dimensions controller: 105x105x65mm
    dimensions termination box: 80x80x52mm
    IP rating: IP65
    colour: grey, RAL9002
    relay cards on request

Order-No. SSC-R

Cable red
• sensor cable for common application
• electrical resistance changes in response to changes in temperature
• plastic co-axial conductor with acid and base resistant nylon coating
• Technical specification:
    maximal cable length: 300m
    1m alarm temperature: 70-125 °C
    10m alarm temperature: 45-100 °C
    tensile strength: 200N
    weight: 1.6Kg / 100m
    colour: red
    diameter: 3.15mm

Order-No. SSC-B

Cable black
• sensor cable for common application
• electrical resistance changes in response to changes in temperature
• plastic co-axial conductor with acid and base resistant nylon coating
• Technical specification:
    maximal cable length: 300m
    1m alarm temperature: 70-125 °C
    10m alarm temperature: 45-100 °C
    tensile strength: 1000N
    weight: 2.15Kg / 100m
    colour: black
    diameter: 4.15mm

Order-No. SKM-KBLS

Fastening clamp
• fastening clamp for cable wall mounting.
• 100pcs each pack

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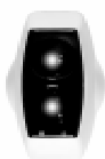
Order-No. W73550

Beammaster 5

- liner beam detector protecting an area of 1400m^2
- detection of smoke and heat.
- TX and RX up to 100m distance
- without LCD keypad
- Technical specification:
  - operating voltage: 9-33VDC (with keypad 10.7VDC)
  - standby current @24VDC: Tx: 2.3mA / Rx: 24mA
  - alarm current @24VDC: Tx: 2.3mA / Rx: 30mA
  - detection range: 7-100m
  - angle of adjustment: ±10% horiz. and vert.
  - operating temperature: -10°C to 55°C
  - dimensions controller: 200x160x80mm
  - IP rating: IP54
  - material: polycarbonate

Order-No. W73551

Beammaster 5 LCD Keypad

- LCD keypad for Beammaster 5
- several settings available through 2-lines LCD display
- access to LCD keypad through password.
- connection to Beammaster via 4 wires cable

Order-No. W74331

Minibeam

- liner reflection beam detector protecting an area of 700m^2
- detection of smoke and heat.
- TX and reflector up to 50m distance
- Technical specification:
  - operating voltage: 9-33VDC (with keypad 10.7VDC)
  - standby current @24VDC: 14 mA
  - detection range: 5-50m
  - angle of adjustment: ±10% horiz. and vert.
  - operating temperature: -10°C to 55°C
  - IP rating: IP50
  - material: polycarbonate
- EN 54-12 compliant

Home Smoke Detectors

Order-No. HDv 3000 0

Optical Home Detector
battery powered optical home detector for detection and alarming in domestic application
• optical smoke detector for the early detection of smoke in private living areas
• detection of smoke and heat.
• integrated pre-alarm levels for an early smoke verification
• automatic fault monitoring of the measuring chamber as well as the battery voltage
• the acoustic alert made by an integrated piezo alarm-sounder (>85 dB)
• visible and audible low battery condition signalled for 30 days
• the optional plug-in radio module interface offers interlink for fault and alarm reporting via 433 MHz and/or 868 MHz
• average 2 years life span with a 9V alkaline battery (without interlink or alarm at 20° C)
• package includes detector base, battery, screws and fixes
• Technical specification:
    operating voltage: 9 Vdc
    quiescent current < 16 µA
    alarm current 5 mA
    interfaces radio link and wire link
    sensitivity < 0.15 dB / m
    operating temperature -10° to +60°C
    humidity 95% RH / 40° C
    air speed max 20 m/s
    housing colour white
    material ABS
    weight 160 gr
    dimensions (HxØ) mm 51 x 100
    Vds G 202 042
    DIN 14604 compliant

Order-No. HD 3001 0 white

Optical Home Detector
• Same features as detector HDv 3000 0
• Technical specification:
    operating voltage: 9 Vdc
    quiescent current < 16 µA
    alarm current 5 mA
    interfaces radio link and wire link
    sensitivity < 0.15 dB / m
    operating temperature -10° to +60°C
    humidity 95% RH / 40° C
    air speed max 20 m/s
    housing colour white
    material ABS
    weight 140 gr
    dimensions (HxØ) mm 42 x 95
    Vds G 202 054 EN 14604

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Order-No. HD 3001 0 silver

Optical Home Detector
• Same features as detector **HD 3001 0 white** but SILVER colour

Order-No. HD 3001 0 black

Optical Home Detector
• Same features as detector **HD 3001 0 white** but BLACK colour

Order-No. HD 3004 0 white

Optical Home Detector
• Same features as detector HDv 3000 0
• Technical specification:
   operating voltage: 9 Vdc
   quiescent current < 16 µA
   alarm current 5 mA
   interfaces radio link and wire link
   sensitivity < 0.15 dB / m
   operating temperature -10° to +60°C
   humidity 95% RH / 40° C
   air speed max 20 m/s
   housing colour white
   material ABS
   weight 140 gr
   dimensions (HxØ) mm 56 x 110
   Vds G 202 090 EN 14604

Order-No. HD 3004 0 silver

Optical Home Detector
• Same features as detector HD 3004 0 white but SILVER colour

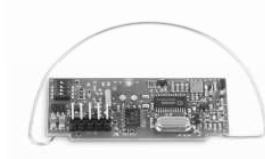**Order-No. HD 3005 0 white**

Optical Home Detector
• Same features as detector HDv 3000 0
• Technical specification:
   operating voltage: 9 Vdc
   quiescent current < 16 µA
   alarm current 5 mA
   interfaces radio link and wire link
   sensitivity < 0.15 dB / m
   operating temperature -10° to +60°C
   humidity 95% RH / 40° C
   air speed max 20 m/s
   housing colour white
   material ABS
   weight 320 gr
   dimensions (HxØ) mm 56 x 110
Vds G 202 091 EN 14604

Order-No. HD 3005 0 silver

Optical Home Detector
• Same features as detector HD 3005 0 white but SILVER colour

Order-No. FM 868

Radio Link Module
bidirectional radio module to interlink home detectors in cascaded network
with the transmission frequency of 868 MHz
• working area in frequency band 868 MHz
• bidirectional controlling function in case of alarm, transmission of all
connected detectors
• detectors can be cascaded without a panel
• integrated repeater function to amplify the radio signal
• Technical specification:
   alarm current 37 mA
   interfaces radio link to home detectors
   operating temperature -10° to +60°C
   humidity 95% RH / 40° C
   weight 100 gr

Order-No. FM 433

Radio Link Module
wireless module to connect home detectors to the wireless control panel
RCP 6 within the 433 MHz transmission frequency
• working area in frequency band 433 MHz
• with this module home detectors can be connected to the RCP 6 panel
• Technical specification:
   alarm current 37 mA
   interfaces radio link to home detectors
   operating temperature -10° to +60°C
   humidity 95% RH / 40° C
   weight 100 gr

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Order-No. RCP 6

Wireless Control Panel

microprocessor controlled radio panel to control home detectors by wireless network over 433 MHz

• working area in frequency band 433 MHz
• 6 zones
• connection of up to 100 home smoke detectors via 433 MHz module FM 433
• 4 potential-free outputs, freely programmable
• a separate 230V plug power-pack included
• standby batteries 8 x 1.5 V included
• LCD display
• Technical specification:
   input voltage: 230 Vac / 50 Hz
   operating voltage: 12 Vdc
   standby battery: 8 x 1.5 V
   quiescent current: 30 mA
   alarm current: 50 mA
   display: LCD
   zone LED's: 6 zones
   relay output: 4 x free voltage change over contacts
   operating temperature: -10° to +60° C
   humidity: max. 70% RH
   protection class: IP 20
   housing/cover colours: grey/silver
   material: ABS
   dimensions: (HxWxD) mm: 170 x 170 x 55
   weight 1000 gr