

**48BFC002****LINEAR SMOKE DETECTOR 5-50 M**

48BFC002 is a beam detector, ideal for protecting the large areas found in industrial or commercial sites, or even long corridors, large halls or rooms with similar characteristics. The technology used offers a coverage area of between 5 and 50 metres. It is especially suitable for protecting very tall buildings as an alternative to point detectors, for aesthetic reasons or to limit the number of detectors in the space. Signals variations in status via relays and requires external power supply. Approved to EN 54-12.



48BFC002

## LINEAR SMOKE DETECTOR 5-50 M

### MAIN FEATURES

|                               |                             |
|-------------------------------|-----------------------------|
| Built-in laser pointer        | Yes                         |
| LED indicators                | 1                           |
| Optical range (m)             | 5 ÷ 50                      |
| Protected area dimensions     | 1600 m2 (standards EN54-14) |
| Polarity inversion protection | Yes                         |
| EN regulations                | EN54-12                     |

### HARDWARE SPECIFICATIONS

|   |           |
|---|-----------|
| IP protection rating  | IP40      |
| Type of finishing materials                                 | ABS       |
| Product color   | White     |
| Product weight (g)  | 350       |
| Operating temperature (°C)                                  | -25 ÷ 55  |
| Operating humidity (RH max @40°C)<br>(%)                    | 0 ÷ 96    |
| Height (mm)   | 128       |
| Width (mm)  | 80        |
| Depth (mm)  | 84        |
| Max. angular misalignment of the<br>optical part (±, °) (°) | 0.5       |
| Max. angular misalignment of the<br>reflector (±, °) (°)    | 5         |
| Cross-section for terminals (mm)                            | 0.5 ÷ 1.5 |

### ELECTRICAL SPECIFICATIONS

|                                       |        |
|---------------------------------------|--------|
| Power supply                          | 13÷28  |
| Stand-by current (@24VDC - mA)        | 8÷30   |
| Current in alarm status (@24VDC - mA) | 20÷100 |

### GENERAL DATA



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|                   |           |
|-------------------|-----------|
| Main power supply | 13÷28     |
| Area              | 130x150mm |
| Distance (m)      | 5 ÷ 50    |



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### **ACCESSORIES**



#### **48BFA005 ALARM TEST TOOL FOR 48BFC002 AND 48BFC003**

Alarm test instrument for 48BFC002 and 48BFC003; this is a filter for ALARM simulation and for checking that the fire beam are calibrated correctly.



#### **48BFA004 SPARE REFLECTOR FOR 48BFC002**

Spare reflector for beam detector 48BFC002.