

datasheet

optical smoke barrier transmitter - receiver 100m AE/BO100



Description

Optical barrier smoke detector with transmitter-receiver certified according to EN 54-IR. Very effective equipment for the protection of large open spaces with extremely high roofs.

They have 3 alarm levels configurable to 25%, 35% and 50% darkening for adjustment to the surroundings; if the received infrared signal decreases below the selected level for approximately 10 seconds, the fire relay will be actuated. They monitor the degradation of beam intensity caused by dirt on their optical surfaces; they work by comparing the received signal with the standard signal every ninety minutes.

Their main characteristics are:

- Range from 10 to 100 metres.
- Operation on 11.5 to 28 V DC, low consumption.
- Automatic offset for dirt.
- Different adjustment of sensitivity levels.
- Easily accessible control unit.
- Transmitting and receiving heads are small and discrete.
- Complies with BS5839 part 5, approved according to D.P.C.
- Power consumption in standby < 8.5mA and in alarm < 16.5mA