



FD2000 Series

The unit consists of an infrared transmitter, a receiver and a control unit. The unit is particularly designed to be used where point smoke detectors are not applicable due to height or inaccessibility. The control unit has C/O relay outputs for alarm and fault and fits as such all types of fire panels. The FD2010 is a FD2000 with ATEX approved flame proof transmitter and receiver.

Specifications

Supply Voltage	11.5 - 28 VDC
Current consumption	
Quiscent	less than 13 mA
Alarm	less than 20 mA
Operating Temperature	-20 to 55 °C
Size	
Control Unit	210 x 160 x 80 mm
Heads	120 x 120 x 120 mm
IP Rating	
Control Unit	IP 50
Heads	IP 67
Construction	
Control Unit	Double pressed steel sheet
Heads	Marine grade alloy
Colour	
Control Unit	White RAL 9010
Heads	Red epoxy paint
Certification	EExd IIB T6



Ordering Information

FD2010 Beam smoke detector 10 - 100m, flame proof

- Large area coverage up to 1500 m² per unit
- Range from 10 to 100m
- Up to ceiling heights of 25 m
- 12 to 24 VDC
- Low current consumption
- Manual or automatic reset
- 3 selectable alarm thresholds
- Self check and automatic signal compensation
- Automatic discrimination between fire and fault
- Retro operation through prisms
- Ground level electronics
- Easy wiring and alignment
- Conforms to BS5839 part 5
- VdS approved
- Atex flame-proof version