



Description

DET-C631 is an Optical Smoke Detector that is suitable for general smoke detection, particularly effective in detecting large visible smoke particles such as those produced by smouldering wood, paper, PVC or polyurethane foam. In a smokeless condition, it only receives very weak infrared light. When smoke particles enter the chamber, the received light signal will increase due to scattering. When the smoke reaches a predetermined density, it will trigger an alarm signal.

Specification

Normal Rated Voltage	24VDC
Operating Voltage	9.6 VDC to 30 VDC
Quiescent Current	≤ 65uA
Alarm Current	18 to 22mA (Typical 20mA)
Remote LED Drive Current Output	Max. 20mA
Maximum Air Velocity	7.6 m/s –
Weight	102g (160g with Base DB-6)
Operating Temp. Range	-10°C to +50°C
Relative Humidity	95%RH, Non Condensing @ 40°C
Alarm LED Indication	Red (Continuous)
Normal LED Indication	Green (Blinking)
Ingress Protection	IP42
Material of Body	ABS Plastic (To UL94V-0 Flammability Test Standards)
Colour of Body	White