Explosion proof

Orbis T

Order-No.: Orbis T

Orbis IS multisensor detector

WM Ex Orbis IS heat detectors have an open-web casing which allows air to flow freely across a thermistor which measures the air temperature every 2 seconds. A microprocessor stores the temperatures and compares them with pre-set values to determine whether a fixed upper limit–the alarm level–has been reached. In the case of rate-of-rise detectors the microprocessor uses algorithms to determine how fast the temperature is increasing.

• conventional to be interfaced with SCI933 and safety barrier
• designed and approved for hazardous area
• Technical specification:
  operating voltage: 14-28VDC
  standby current: 85µA
  alarm current: max 50 mA
  ATEX Ex: BAS06,ATEX0007X
  class of protection: IP 23D
  operating temperature: -40°C to 50°C
  relative humidity: max. 98%
  colour: White
  dimensions: Ø100x60mm with base
  weight: 70g