

Three-channel infrared flame detector UniVario



Part-No. 782315

Approval: G 211041

UniVario three-channel IR flame detector for recognition of quickly developing fires with flame development. Optical windows of the IR sensors are fully monitored. The detector achieves a high level of resistance towards disturbance variables via three-channel infrared evaluation. Voltage supply and connection occur directly via the standard detector zone at the esserbus transponder (Part No. 808623.10). The detector is also reset directly via the same esserbus transponder.

Features:

- Direct linking and voltage supply via standard detector group at the esserbus transponder (Part No. 808623.10)
- Base installation and alignment via mounting bracket (Part No. 783312)
- 3-channel infrared flame detector
- High level of protection against disturbance variables thanks to optimized hardware and development of special algorithms
- Maximum level of response sensitivity according to EN54-10, Class 1
- Each optical channel has separate functional monitoring
- Easy testing with magnet via integrated reed switch

Operating voltage	9 V DC
Quiescent current	approx. 3.5 mA
Alarm current @ 9 V DC	21,8 mA
Area to be monitored	max. 676 m ²
Height to be monitored	max. 45 m
Ambient temperature	-20 °C ... 80 °C
Storage temperature	-40 °C ... 85 °C
Type of protection	IP 67
Housing	Die cast aluminum
Air humidity	< 95 %
Color	red, similar to RAL 3000
Weight	approx. 991 g (incl. base and bracket)
Dimensions	W: 130 mm H: 140 mm D: 92 mm



Detector base and mounting bracket are not supplied!