

Conventional infrared flame detector 601F-M

Product datasheet

Features

- Unlike UV and UV/IR detection, not blinded by oil mist in machinery spaces
- No additional power source required
- Easy installation
- Can be used on all vessels as fully marine approved
- Easily interfaced to AutoSafe fire detection system

Description

The flame detector 601F-M is full-featured solar blind flame detector for enclosed/indoor use and boast a high degree of false alarm immunity. It is designed for connection to a conventional zone of point type fire detectors that may include any mix of detection technologies.

The detector can be interfaced to the AutoSafe system by a specially designed flame detector interface built into the deckhead-mounting box. (See separate datasheet for Flame Detector Interface, 116-P-FLAMEDETINTERF/CGB.)



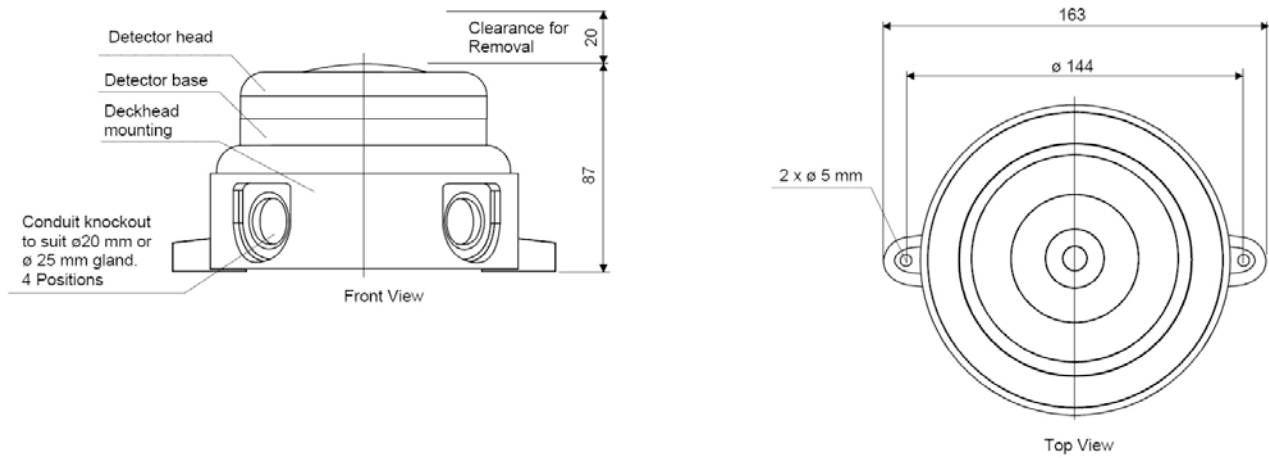
Part number	Description
116-5861-010.2011	IR Flame detector head 601F-M
116-5861-010.2012	Detector base for 601 series

Accessories

Part number	Description
116-5861-010.2014	Deckhead mount. kit 601 series
116-5861-010.2015	AutoSafe Flame Detector Interface

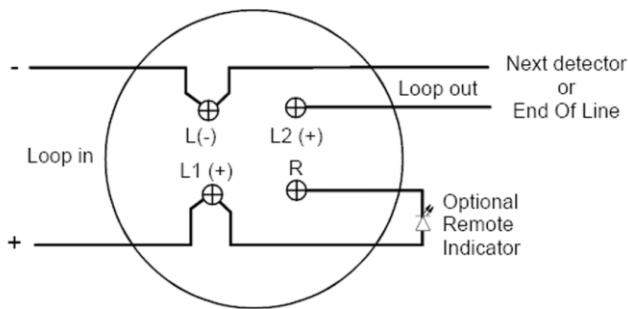
Technical specifications	
Weight (g)	74 g
Detector material	FR110 'BAYBLEND'
Dimensions	128 x 21,2 mm
Supply voltage	18-32VDC
Quiescent current	Typical 300 micro Amp
Alarm current	8-30mA
Operating temperature	-20°C to +70°C
Storage temperature	-40°C to +80°C
Relative humidity	90% RH continuous (non-condensing) and up to 99% RH intermittent (non-condensing)
Range	0,1 m ² n-heptane at 20m 0,4 m ² n-heptane at 50m
Field of view	100°

Dimensions



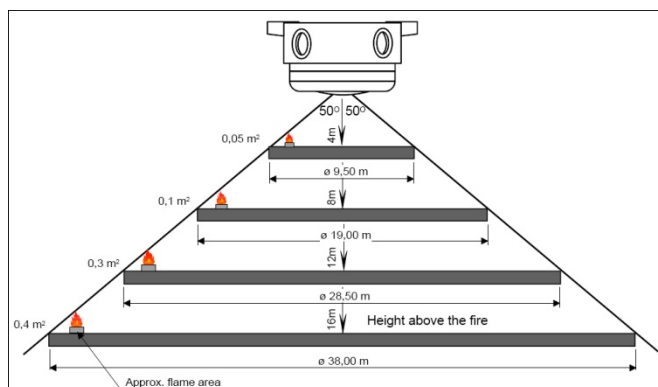
Detector base wiring

Conventional system:



AutoSafe system: See data sheet 116-P-FLAMEDETINTERF/CE

Field of view



Note: When the risk is a hot vibrating body the detector should be mounted securely using a suitably fabricated bracket at an angle or on a vertical surface to view the risk.

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