

Talentum® I650I

IR² Flame Detector Stainless Steel

The Talentum® dual Infra-Red (IR²) Flame Detector is designed to protect areas where open fires may be expected and detects almost all flames, including hydrocarbon fires with 4.3µm emissions through to invisible fires such as hydrogen.

The IR² Flame Detector is sensitive to flickering, low frequency (1-15Hz) infra-red radiation emitted by flames during combustion even if the lens is contaminated by a layer of oil, dust, water, vapour or ice.

This detector has two IR sensors which respond to different IR wavelengths in order to discriminate between flames and spurious sources of radiation. False alarms from flickering sunlight are avoided by a combination of filters and signal processing techniques.

The Talentum® IR² detector has selectable output options of relay contacts or 4-20mA signal, as standard.

Features

- High immunity to false sources
- Tolerant of fumes, vapours, dust and mist
- Suitable for indoor areas
- Unaffected by convection currents, draughts or wind
- Proven response to multiple fuel types
- Multi-spectrum detection
- Selectable output options
- Selectable response speed
- Selectable sensitivity levels
- Built in auto and manual test
- Low current consumption
- Fast response to fire

Approvals

Worldwide approvals include EN54:10, with LPCB certification, as well as SIL 2 rated.

Visit www.sensetek.nl for up to date approvals information.



Applications

- Compressor Stations
- Chemical Plants
- Tunnels
- Waste Recycling
- Nuclear Power Sites
- Engine Rooms
- Spray Booths
- Pharmaceutical Production
- Military Applications
- Marine Industry
- Coal Handling
- Printing
- LNG/LPG Production

Accessories

07127 Stainless Steel Adjustable Mount (304)

12545 Stainless Steel Weather Shield (304)

16091 Portable Flame Detector Tester



