

product data



# temperature extremes sensor 869M Hz

## What is the temperature extremes sensor?

The temperature extremes solution provides advanced alerts of extreme household temperatures which could lead to unhealthy living conditions. It also provides advanced warning of fire hazards, as unlike smoke detectors it can be sited in smoke-rich environments such as kitchens, and can raise an alert when the room temperature falls to levels that could result in burst pipes.

## How does it work?

The temperature extremes sensor is compatible with the Lifeline 400, 4000+ and Telecare Overlay alarm platforms to provide early warning of potentially hazardous temperatures. It is designed to detect three temperature situations; high, low and rapid rate of rise in order to raise specific alerts allowing appropriate action to be taken.

The high temperature alarm will be raised if temperatures reach 35°C and above for more than 2 minutes.

The low temperature alarm will be raised if the temperature falls to 2°C or less for at least 20 minutes.

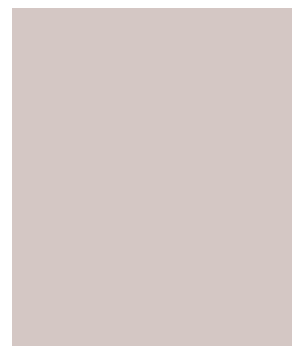
The alarm will also activate if the temperature in the room rises by 1°C per minute over a 30-minute period or 3°C per minute over a five-minute period.

## Who is it for?

The temperature extremes sensor can be used with Lifeline 400, 4000+ and Telecare Overlay therefore it provides a flexible solution for independent care homes, sheltered accommodation or individual dwellings.

## Why is it needed?

The temperature extremes sensor is a unique solution for the remote monitoring of unhealthy environmental temperatures in order to help enable independent living.



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## Features and benefits

- **Utilises the dedicated European 869MHz social alarm frequency** - ensures reliable, future proofed operation
- **Wireless technology** - provides flexibility on installations
- **Two year battery life complete with built in automatic low battery warning** - ensures optimum operation at all times
- **Low temperature alarm** - provides protection against freezing temperatures
- **High temperature alarm** - provides protection against potential fire hazards
- **Rapid rate of rise alarm** - provides protection against potentially dangerous temperature increases

## Technical details

Weight:	168g
Dimensions:	83 x 108 x 37mm (WxHxD)
Radio frequency:	869.2125MHz
Radio range:	Up to 50 Metres (Typical)
Power supply:	3 x AAA Batteries
Operating temp range:	-10°C to +55°C
Battery life:	2 years depending on usage
Battery disposal:	Disposal in accordance with current legislation

### Standards:

EMC:	EN55022: 1998, ETSI EN301-489-1:(2000-08) Class 1
Safety:	EN60950:2000
Social alarm:	EN50130-4:1995
Radio:	ETSI EN 300 220-3:2000
CE:	Compliant
Manufacture, design, service and installation:	1509001:2000

**Part Number:** *Temperature Extreme Sensor 2/35°C 69005/03*

*Temperature Extreme Sensor 2/42°C 69005/05*

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