



DET8M

Wireless Flood Detector and Temperature Sensor

APPLICATION

Intrusion is not the only risk that commercial & residential sites face. Flooding can severely damage property and generate high costs for both the end user and the insurance company. Temperature changes can also have significant consequences for example in food retail stores.

DET8M is a versatile wireless device that can be configured to operate as a standalone temperature sensor and/or a remote temperature sensor, or a flood detector.

The DET8M offers a real advantage as it will detect flooding and allows a signal to be transmitted from the panel to the monitoring station to enable a fast reaction to these business threats.

This sensor offers both internal and external detection using remote temperature and flood probes (T280R and FP280). Flood probes can be installed in areas where flood can occur (near a washing machine for example). The DET8M will trigger an alarm at the early stage of the flood, allowing the monitoring station to take all steps to stop it before severe damages occur and save the end user significant expenses and inconvenience.

The temperature probe allows for temperature detection even inside a refrigerator or a freezer. This makes it ideal for businesses such as restaurants, retail distribution centres,

butcher shops and medical sites or any other commercial or industrial premises where temperature fluctuations need to be controlled.

The DET8M provides the opportunity to offer flood or temperature monitoring and intervention services, therefore attracting new customers and opens up new revenue streams in remote monitoring as it is a new service that can be offered to end users and a new opportunity for the Alarm Receiving Centre (ARC).

Its wireless capabilities allow for easy installation and practicality in every environment ensuring high customisation according to the business requirement or end user instructions.

Now you can expand your business opportunities as the DET8M wireless technology is part of a powerful commercial solution, offering both time and cost savings. It is suitable for a wide range of installations, including residential environments where security and practicality are real assets for the end-user.



SPECIAL FEATURES

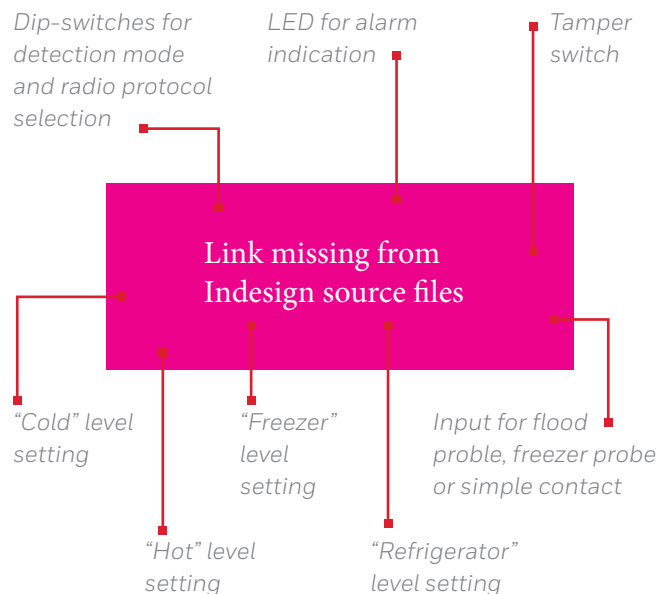
- Flood detection: External probe (FP280) is easy to install with 5m of cable for maximum flexibility.
- Temperature detection: The sensor itself detects two ambient temperatures, with selectable cold and hot ranges.
- Freezer and refrigeration: T280R probe with two options and a wide selectable temperature range.
- Five selectable temperature ranges: A choice of installation solutions with easily selectable temperature ranges (hot, warm, cold, refrigerate and freeze) covering a large range of applications, reducing installation time.
- Intrusion detection: a wired, normally closed, contact can be connected to the DET8M to avoid a long distance or cabling issues.
- Reliability: Long battery life up to 7 years.
- Reliability and practicality: With patented 'Agile Routing', the system works with RF portals to reinforce the reliability of the security system. The sensor will automatically find the strongest bi-directional signal path and will continue to communicate until it gets an acknowledgment.

DET8M – Wireless Flood Detector and Temperature Sensor

SPECIFICATIONS	
DETECTION	
TEMPERATURE SENSOR (BUILT-IN)	Cold : 8°C (adjustable from 2°C to 14°C) Hot : 26°C (adjustable from 20°C to 32°C) Alarm signalling within 10 minutes
FLOOD PROBE (ONE FP280 SUPPLIED)	Alarm signalling within 60 seconds Cable 3m
TEMPERATURE EXTERNAL PROBE (T280R OPTIONAL)	Freezer : -12°C (adjustable from -18°C to -6°C) Refrigerator : 11°C (adjustable from 2°C to 20°C) Alarm signalling within 10 minutes Cable 3m
PRECISION RANGE	+/- 1.75°C
INTRUSION	By external contact (Normally closed) and 10kOhm resistor (100m max)
POWER	
BATTERY	LI03V (x1) - supplied
BATTERY LIFE	V2GY mode: 6 years ALPHA mode: 7 years
RADIO	
RF FREQUENCY	868 MHz
RF TYPE	Narrow Band, FM
RF RANGE, UNOBSTRUCTED	2000m
COMPATIBILITY	
GALAXY	G2 ⁽¹⁾ and Galaxy Dimension ⁽²⁾ with C079-2 wireless receiver
DOMONIAL ⁽³⁾	All 868MHz versions
VISTA	Vista 12 & 48 with 5882EUHS wireless receiver
TIMINGS	
SUPERVISION TIME	V2GY mode : each 9 minutes ALPHA mode : each 18 minutes
MECHANICS	
TAMPER	Front cover and wall mounting
DIMENSIONS (H X W X D)	890 x 400 x 300mm
WEIGHT WITHOUT BATTERIES	55g
OPERATING TEMPERATURE	-10°C to 40°C
STORAGE TEMPERATURE	-20°C to 55°C
RELATIVE HUMIDITY	No condensation - 0 to 95%
APPROVALS	CE; EN50131-1, Security Grade 2, Environmental Class II

ORDERING INFORMATION	
DET8M	Wireless flood detector and temperature sensor
T280R	External probe for freezer and refrigeration monitoring
FP280	External probe for flood sensing
LI03V	Replacement battery

	HOT	COLD	FREEZER	REFRID-GERATOR	FLOOD	INTRUDER
HOT		✓	✓	✓	✓	✓
COLD	✓		✓	✓	✓	✓
FREEZER	✓	✓		✓	✗	✗
REFRID-GERATOR	✓	✓	✓		✗	✗
FLOOD	✓	✓	✗			✗
INTRUDER	✓	✓	✗	✗	✗	



NOTES:

(1) Valid for G2 panel firmware from version V1.5 onwards.

(2) Valid for Galaxy Dimension panel firmware from version V6.5 onwards.

(3) Valid for Domonial panel firmware from version 1xx onwards.

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For assistance with this product please visit

<https://www.security.honeywellhome.com/UnitedKingdom>

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