

Description

The 404 water alarm is a water leakage detector with an alarm sounder. Advanced electronics provides rapid detection of water in at-risk locations, such as sumps, under sinks, around washing machines, in bathrooms, etc.

The 404 is powered from an external DC source. A dry-contact alarm relay output is available for connection to other equipment, such as a security system.

The 404 water alarm provides home owners and installers with an easy-to-install, economical solution where early detection of water leaks is wanted.

Features

- Operates in water depths exceeding 2 mm
- Operates from an external DC 12/24 V supply
- Flashing red LED quiescent condition indicator
- Loud 85 dB internal alarm sounder
- 1.5 m sensor connection cable
- Sounder will reset automatically when water is no longer detected
- Dry-contact relay output model available for connection to other equipment, such as a security system, available on some models
- Interconnection function available on some models to connect up to 38 units together
- Remote LED output model available
- Audible and visual low battery indication
- Audible and visual fault indication
- Shock resistant from up to 1.8 m fall onto concrete
- Splash proof (not water proof)
- Surface-mount device (SMD) circuit board design
- Attractive housing design
- Easy installation
- No programming required
- Low maintenance

Compliance

404 water alarms have CE compliance.



404 water alarm

Specifications

Power	404-001	404-002	404-003	404-004
Power source	DC (10.8 ~ 33) V			
Quiescent Condition				
Quiescent current	40 μ A			
Quiescent condition indicator	Flashing red LED every 32 s			
Alarm Condition				
Alarm response threshold	2 mm water depth			
Alarm current	15 mA		25 mA	
Audible alarm sounder output	\geq 85 dB @ 3 m			
Visual alarm indicator	Flashing red LED			
Number of interconnected units ^a	—	38		—
Remote LED current	—		15 mA	—
Output relay	—			SPDT, N/O or N/C. 1.0 A @ DC 30 V / 0.5 A @ AC 125 V
Fault Condition				
Low battery signal	Simultaneous short audible and visual signal each 32 s for 30 days			
Fault indication	Alternate short audible and visual signal each 32 s			
Environmental				
Operating temperature	(-10 ~ +50) °C			
Operating humidity	(0 ~ 95) % RH, non-condensing			
Storage temperature	(-25 ~ +80) °C			
Storage humidity	(0 ~ 98) % RH, non-condensing			
Miscellaneous				
Sensor distance from detector (max.)	1.5 m			
Dimensions (h × w × d)	(100 × 62 × 40) mm			
Ingress protection rating	IP-42			
Drop height resistance	1.8 m			

^a Maximum cable length is 400 m.

Ordering Information

	Interconnect	Remote Indicator	Relay Output
404-001	—	—	—
404-002	✓	—	—
404-003	—	✓	—
404-004	—	—	✓

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