

**Merlin WTM**  
**WATER**  
**TEMPERATURE**  
**MONITORING**

**30+**  
YEARS OF  
EXPERIENCE

**PREVENTION OF  
SCALDING FROM  
FAULTY MIXING  
VALES**

**DESIGNED FOR  
HEALTH CARE  
FACILITIES**

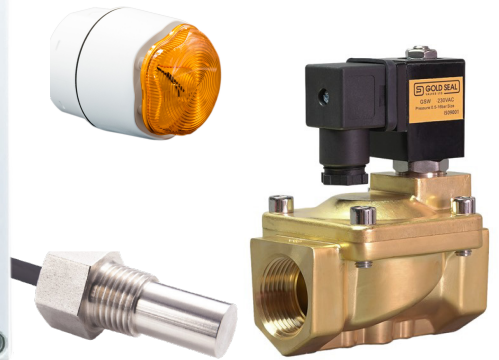


**FEATURES**

- ✓ 24V or 230V Power Input
- ✓ Valve Isolation Capabilities
- ✓ Adjustable Temperature Set Points
- ✓ Simple & Quick Setup
- ✓ Low Temperature Cut Off Feature Available
- ✓ BMS Communications
- ✓ Dry Alarm Relay & 0-10V Analog Output
- ✓ In-Built Audible Alarm

**DESCRIPTION**

The Merlin Water Temperature Monitor WTM monitors and controls the temperature of water in various applications, such as health care, leisure & hospitality facilities, where it can help ensure that the water supply system is safe, using a PT100 sensor and water solenoid valve. The WTM features a simple user interface that allows for easy programming of minimum and maximum temperature settings, which can be adjusted via internal switches and fascia controls upon installation. When the temperature falls outside of these settings, an audible alarm will sound, and the water supply will be turned off until the issue is resolved. The Merlin WTM includes a manual reset button on the front fascia that can be used to clear any alarm conditions and continue normal operation. The WTM also features a colored display that provides a continuous readout of the current temperature reading. Additionally, the WTM provides an adaptable relays and 0-10V output that can be tied into any Building Management System (BMS) for remote monitoring and control.



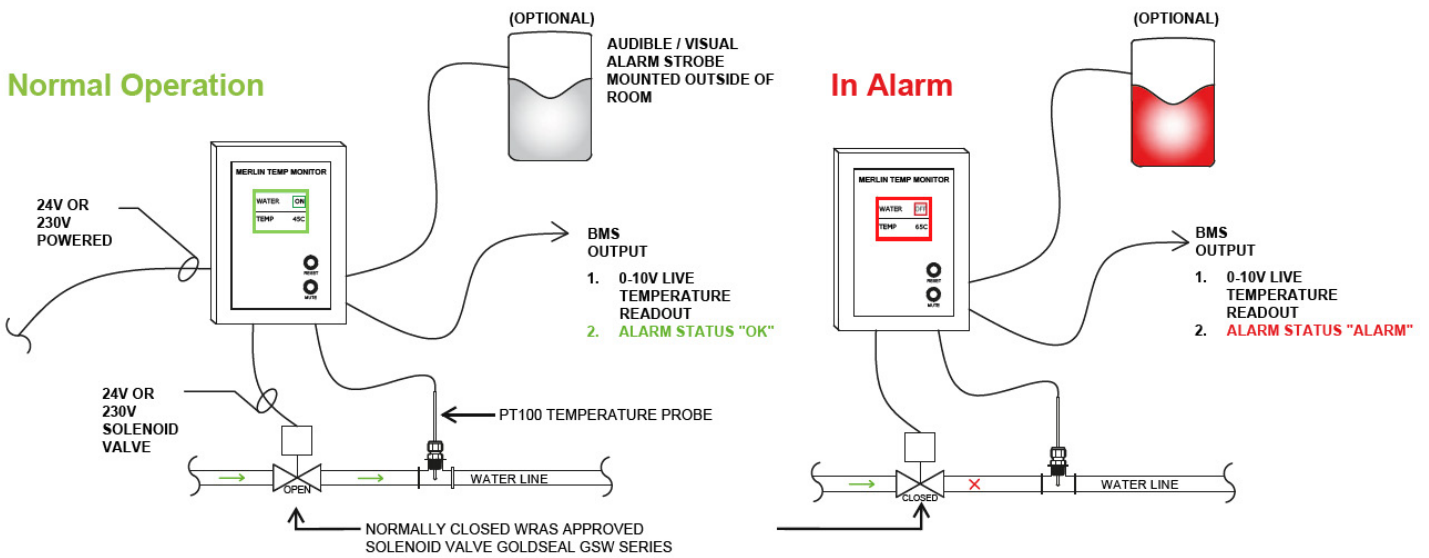
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- SCIENCE LABORATORIES
- BOILER ROOMS
- GAS & WATER FEATURES
- COMMERCIAL KITCHENS
- CAR PARKS
- OCCUPIABLE SPACES

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## Example Setup Overview



## Water Solenoid Valves



S&S Northern supply the GoldSeal Normally Closed Water Solenoid Valves (1/2" – 2"). These valves are designed for effective water flow control and remain closed when not energized. They are WRAS certified, meeting UK standards for water safety and quality. All GoldSeal valves are available in 230V, 24VAC, and 24VDC options, providing flexibility for different systems.

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