HL-109 Digital Pipe Thermostat

Product overview



The HL-109 is a versatile Digital Pipe Thermostat capable of a number of Underfloor Heating and Plant Room solutions.

High Limit Thermostat; The HL-109 can be installed to protect the underfloor heating against heat source over temperature failure or high temperature cycles. This is ideal for project where a delicate floor finish has been installed, or the underfloor heating manifold has no mixing capability.

Low Limit / Frost Protection Thermostat; For applications requiring low limit or frost protection the HL-109 can be used to drive a pump/ heat demand or trace heating to protect the system against frost.

Pump Protection; To prevent pumps seizing, the HL-109 can exercise a pump for 5 seconds, every 5 days. This function is ideal during periods when systems are in no or low demand and can prolong the life of the pump.

With simple power, up and down buttons and a clear digital display, the HL-109 is ideal for quick, accurate set up, and with the visible temperature reading, system checks can be complete without further testing equipment.

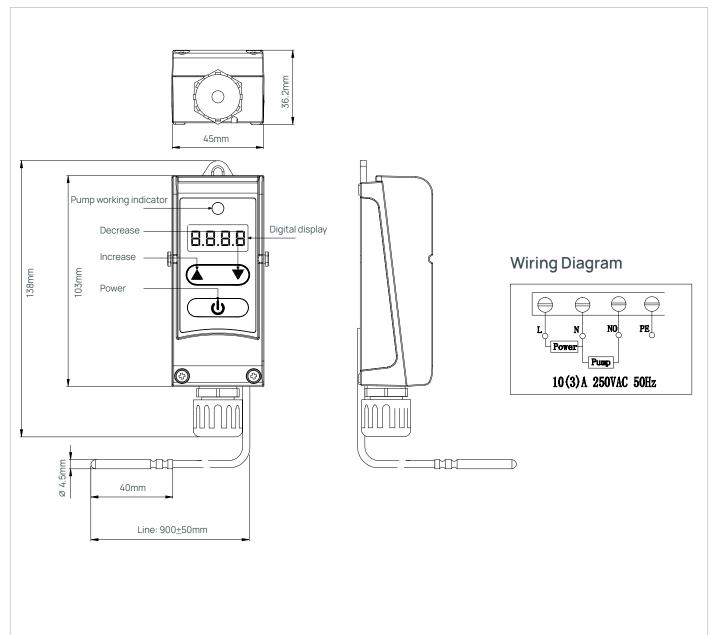
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|----------------|----------------------|-----------|--------------|-----------------------------------|
| Technical | Dimensions | 138x45mm | Product code | CTH2-0109 |
| specifications | Weight | 131g | Item | HL-109 Digital Pipe Thermostat |
| | Material | ABS | Colour | White / Grey |
| | Supply voltage | 230V | Cable entry | Bottom |
| | Max switching output | 10(3A) | Mounting | On-Wall |
| | Temperature Setting | 5-90°C | Compliance | CE and UKCA |
| | Accuracy | +/-1.5°C | Features | Ability to control valves for UFH |
| | Differential Setting | 0.1-15°C | | and RAD systems |
| | Temperature Display | | | |
| | Range | -19 -99°C | | |
| | Maximum Temp. | | | |
| | Resistance of body | 80°C | | |
| | Maximum Resistance | | | |
| | of Sensor | 100°C | | |
| | Output | 230V | | |
| | Protection rating | IP40 | | |



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Technical Drawing





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