WRP- IM Immersion Thermostat

Datasheet

CAUTION! Installation and connection should only be carried out by a qualified person and in accordance with national wiring regulations.

- Before commencing any work on the electrical connections, you must first disconnect the thermostat from the mains.
- None of the 230V connections must be live until the installation has been completed and the housing is closed.
- If the thermostat is used in a way not specified by the manufacturer, its safety may be impaired.
- Verify that the thermostats technical data (Power supply, Contact rating, etc.) are suitable to the installation conditions.

Important: Keep this document



WRP-IM WRP-IM-TP

Technical Data

PRODUCT CODE	PRODUCT NAME	SETPOINT ADJUSTMENT	SWITCHING DIFFERENTIAL	TOLERANCE TEMP. ACCURACY	CORD FOR CYLINDER MOUNTING	IP RATING
WRP-IM	Immersion Thermostat	External	5±3˚C	70±5˚C	-	IP40
WRP-IM-TP	Immersion Thermostat Tamperproof	Internal	5±3˚C	80±5˚C	Yes	IP40

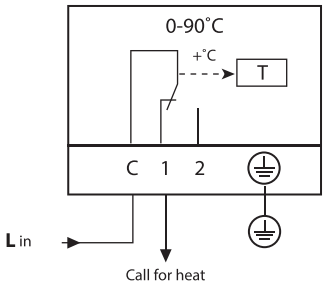
SENSOR TYPE	TEMPERATURE RANGE	SWITCH OUTPUT	CONTACT RATING	AMBIENT TEMPERATURE	MAX.PERMISSIBLE TEMP. OF HOUSING	MAX.PERMISSIBLE TEMP. OF SENSOR	PROTECTION CLASS
Gas filled	0-90˚C	SPDT	16(4)A 230Vac	0 ... 55˚C	80˚C	110˚C	II (IEC 60536)

Operation

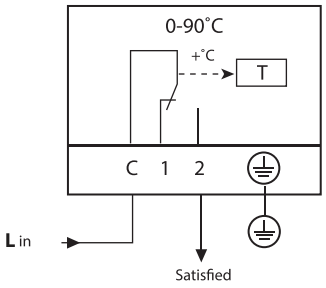
The WRP-IM / WRP-IM-TP thermostats are used for controlling the temperature of liquids in cylinders, tanks and pipework.
They are designed to be fixed to pipework or cylinders by fitting the capillary to a protective pocket and screwing the thermostat in place.
The required temperature can be set by rotating the external setpoint dial on the WRP-IM.
The required temperature can be set by rotating the internal setpoint dial on the WRP-IM-TP.
When the thermostat is calling for heat Terminals C & 1 are closed. When the thermostat is satisfied Terminals C & 2 are closed.

Wiring diagram

Connecting to a valve



Connecting to a pump
(for solid fuel applications)



Terminals:
1 = Opens the circuit when temperature increases
2 = Closes the circuit when temperature increases
C = Common contact

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WRP- IM Immersion Thermostat

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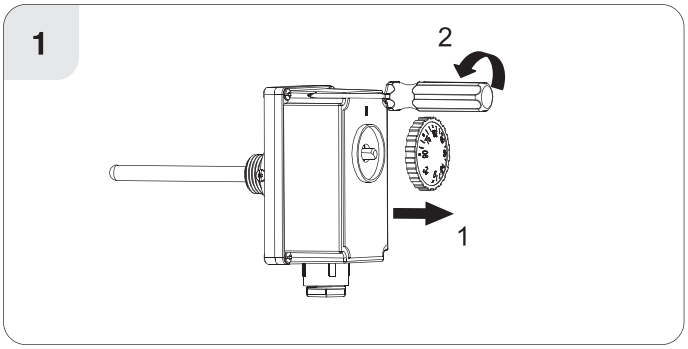
This thermostat can be installed in the following ways: **1.** Mounted on pipe work. **2.** Mounted on a cylinder.

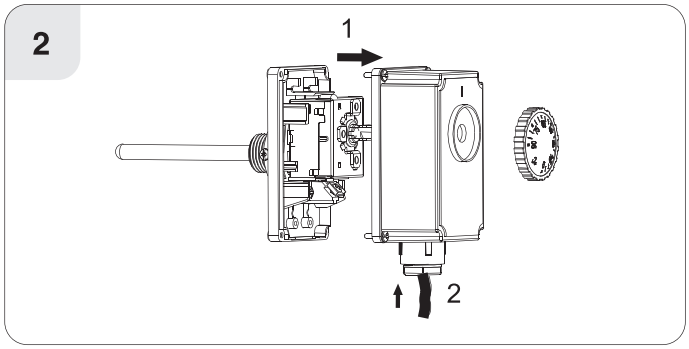
Installation

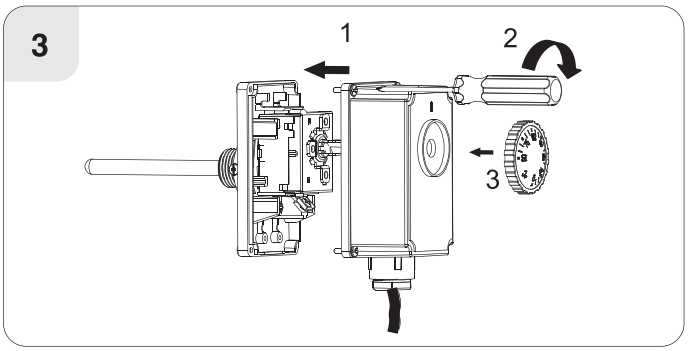
Cylinder

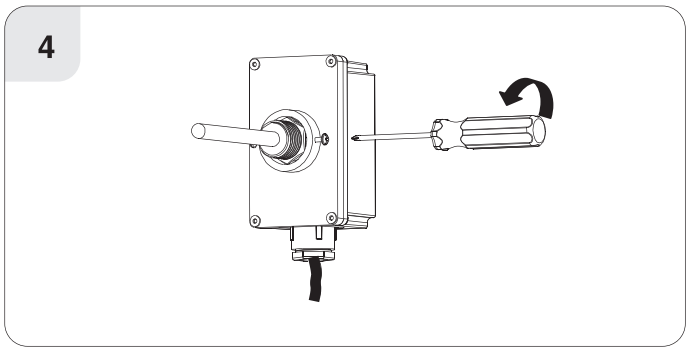
To ensure accurate control of your cylinder, the thermostat should be mounted on the bottom 1/3 of the cylinder. The brass pocket can be attached to the cylinder using an existing pocket or using the 1/2" connection on the pocket provided. The thermostat can attach to the pocket or can be held in place using a cord that is wrapped around the cylinder.

WRP-IM

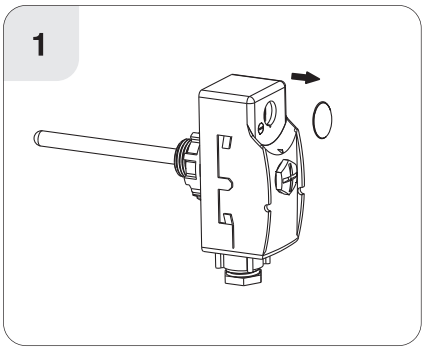


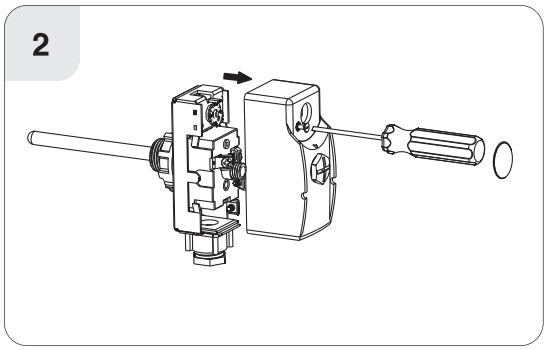


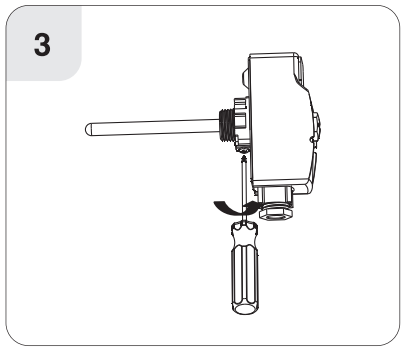




WRP-IM-TP

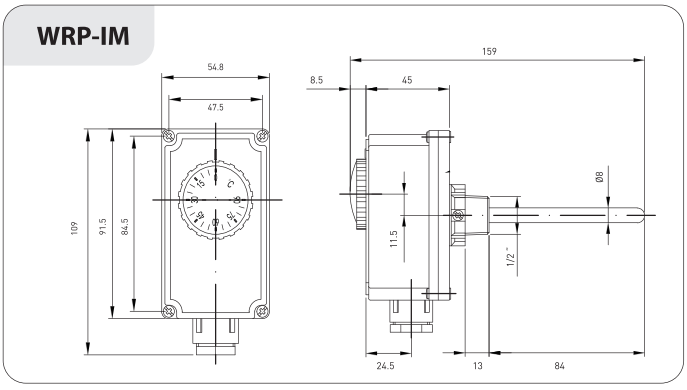




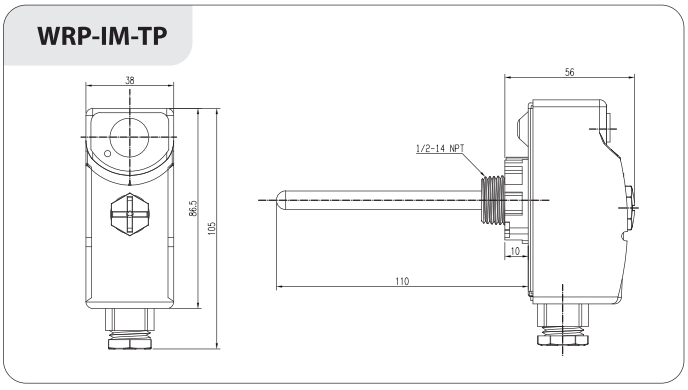


Drawing and Dimension

WRP-IM



WRP-IM-TP



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