

E12M

Designed for control of heating zone with a 3 or 4-way valve



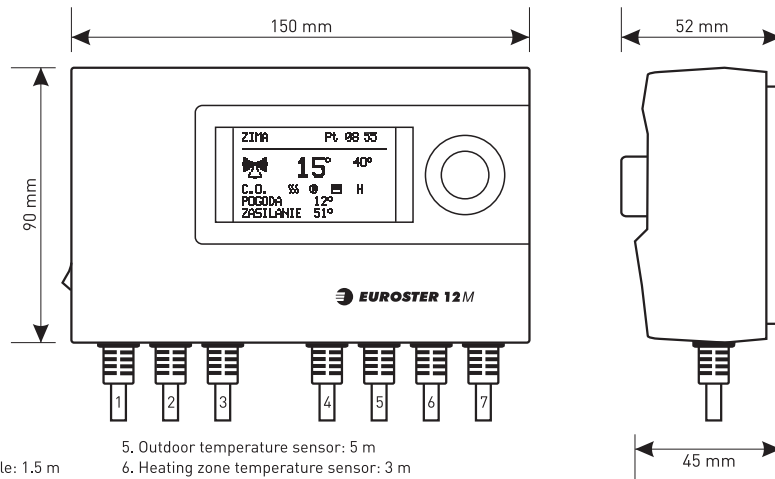
- control of 3-point actuator of a mixing valve
- control of CH zone pump
- weather-based setting of heating zone preset temperature
- hourly schedule of heating zone operation
- cooperation with room thermostat
- automatic switching on and off of the heating according to the outdoor temperature
- function of temporary switching on of zone with a preset temperature (floor preheating, fast heating up of rooms)
- zone overheating protection, frost protection
- alarm indication
- option of manual switching on of the outputs
- Anti-Stop function – protection of pumps against seizure
- legible, graphical, backlit LCD
- set of temperature sensors included

Controlled device	3-point actuator of mixing valve, CH pump
Supply voltage	230 V 50 Hz
Maximum load of the outputs	1 A 230 V 50 Hz
Maximum power consumption of the receiver	3 W
Temperature measurement range	0°C...+100°C
Temperature control range	+10°C...+90°C
Temperature control accuracy	1°C
Temperature reading accuracy	1°C
Hysteresis range	2°C - 10°C
Visual signalization	backlit LCD
Operating temperature	+5°C...+45°C
Storage temperature	0°C...+45°C
Ingress protection rating	IP40
Color	black
Installation method	wall-mounted
Controller weight (without packaging)	920 g
Standards, approvals, certificates	conformity with LVD, EMC, and RoHS
Warranty period	2 years
Dimensions (W/H/D) mm	150/90/52
Content of the controller set	Euroster 12M controller with temperature sensors, screw anchors User Manual with Warranty Certificate, mounting template, sensor hose clips



EUROSTER 12M

CONTROLLER



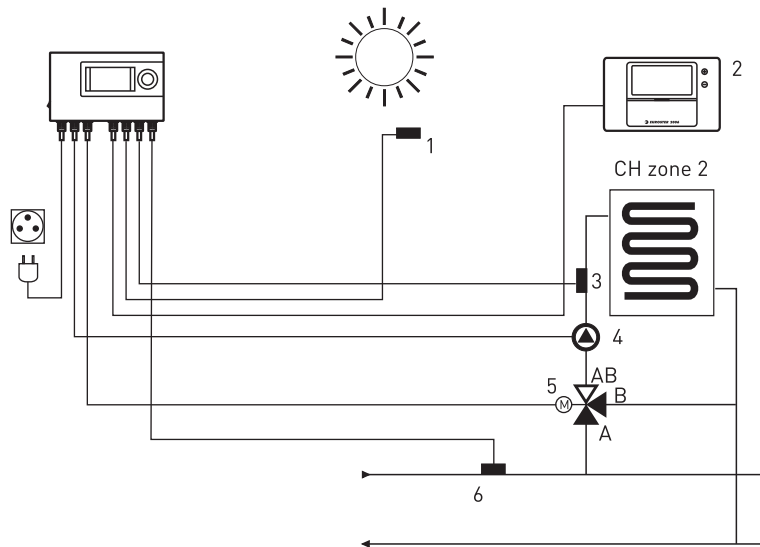
Length of cables:

- 1. Controller power cable: 1.5 m
- 2. CH pump power cable: 1.5 m
- 3. Valve actuator power cable: 3 m
- 4. Connection of a room thermostat: 0.5 m
- 5. Outdoor temperature sensor: 5 m
- 6. Heating zone temperature sensor: 3 m
- 7. Feeding temperature sensor: 1.5 m

The following diagrams are simplified and do not cover all the elements necessary for the correct operation of the system.

MOUNTING TEMPLATE

Sample diagram of control system.



- 1. Outdoor temperature sensor
- 2. Room thermostat
- 3. Heating zone temperature sensor
- 4. CH zone pump
- 5. Mixing valve with actuator
- 6. Feeding temperature sensor