

## TempGate



### Application

TempGate is a heating circuit distributor, which individually controls the valves of 3 to 12 heating and cooling circuits.

The distributor has an integrated temperature measurement and return integrated. The certified, optional EnergyMeter can also measure the energy.

In conjunction with the AirGates, a comfortable and efficient room climate is created.

### Technical data

Temperature range	0 - 70	°C
Temperature accuracy	± 0.5	°C
Volume flow per outlet	0 - 140	l/h
Max. Total volume flow	1500	l/h
Disc valve stroke	0 - 5	mm
Supply	24	VDC
Supply	via SAG-Bus	
Communication	via SAG-Bus	
Water connection	1" resp. DN25	

### Available sizes

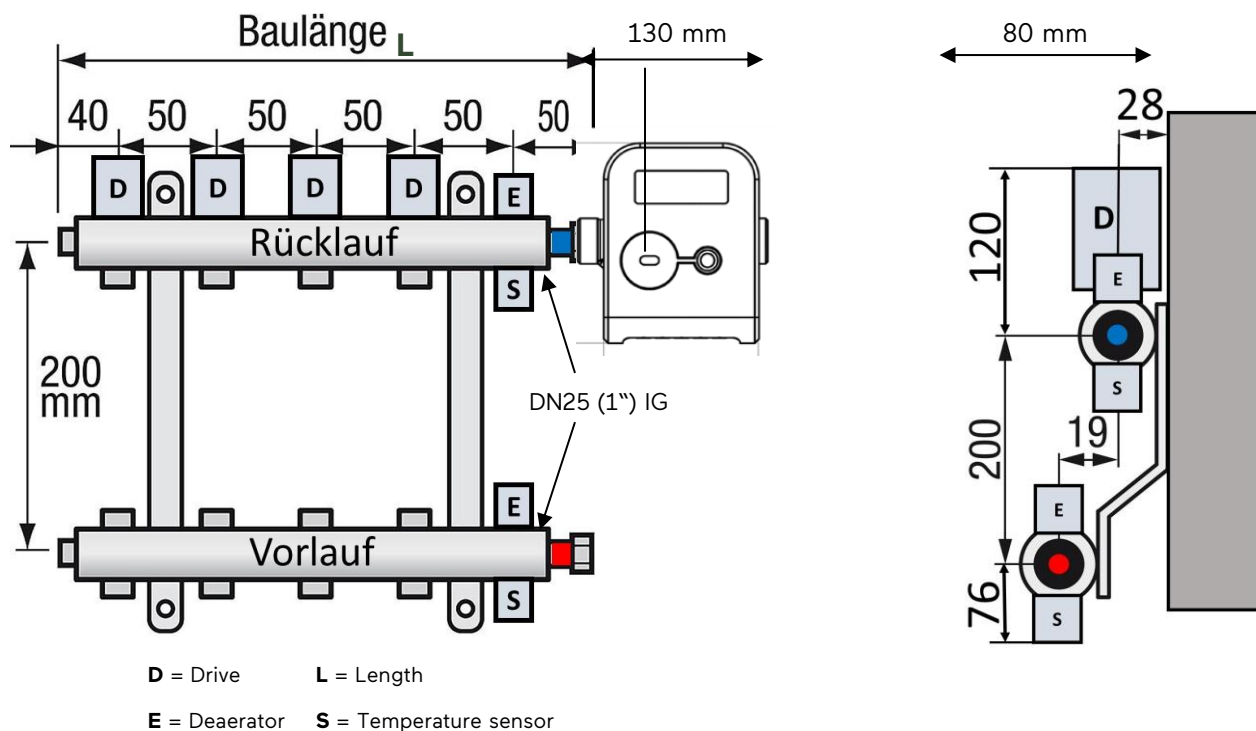
TempGate with integrated temperature measurement*	Length L
TMP-0300	240 mm
TMP-0400	290 mm
TMP-0500	340 mm
TMP-0600	390 mm
TMP-0700	440 mm
TMP-0800	490 mm
TMP-1000	590 mm
TMP-1200	690 mm

\* for a certified energy measurement we offer the EnergyMeter as an option

## Installation

The TempGate is connected to the distribution box of the underfloor heating. It is compatible with the standard installation dimensions.

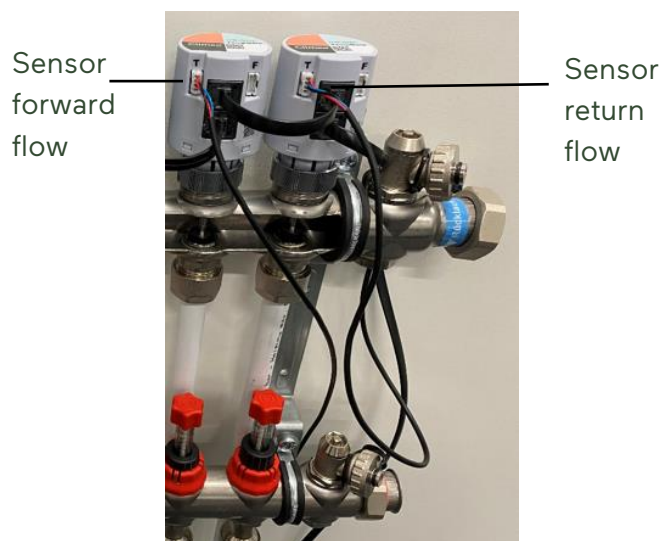
3 - 12 independent heating/cooling circuits are possible.



## Connection the drives

The TempGates actuators on the distribution valves are connected to each other via the SAG bus connections (RJ12) using a short RJ12 cable supplied. The first actuator is connected to the FlatMaster via a corresponding cable.

The two temperature sensors for the flow and return are connected to the first (return) and second (flow) TempGate actuator.



## Electrical connection

The TempGates and the EnergyMeter are connected to the FlatMaster via bus cable J-Y(ST)Y 2 x 2 x 0.80 mm to the FlatMaster.

