

Thermostats Type T 7000

T 7000

Electronic temperature control with PID return wiring; Housing with transparent cover; light diodes for net, operation and failure (sensor failure); potential free switch 10A; temperature setting visual from outside; direct connection of connection leads and heating possible.

Nominal Voltage AC 230V ~ (+10% / -15%)
Max 10A / 2300VA
 Mains frequency 47/60Hz
 Max. switching capacity 100.000 cycles
 Protection class II
 IP rating IP65
 Ambient temperature range -20°C...+40°C
 Storage temperature -30°C...+70°C
 Housing material Polycarbonate (Makrolon)
 Dimensions (LxWxD) 160x80x55mm
 Weight Approx. 0.41kg
 Material, housing Makrolon
 Threaded entries 2 x M16, 1 x M12



Product example
exterior

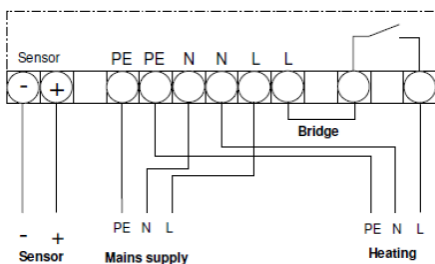


Product example
interior

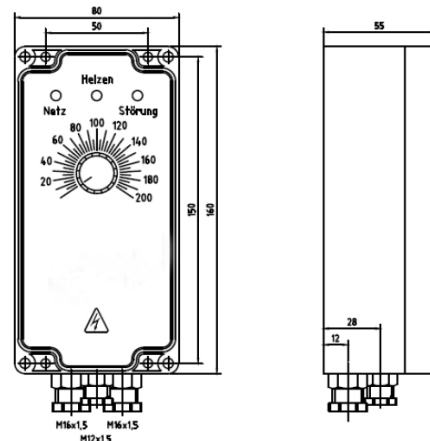
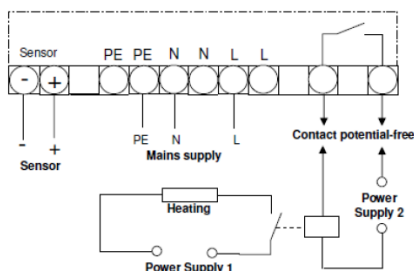
Connection

There are 4 product versions offering different temperature ranges. The units can be set to the following diagrams (see section "Technical data" for more information):

Standard setup:



To use the potential free contact, remove the bridge and connect as follows:



Depending on the type of the used controller of this series the sensor has to be connected as follows:

Controller type	Sensor type colours to IEC 584 IEC 751	Terminal (+)	Terminal (-)
TNxxxx	NiCr-Ni / K	green	white
TFxxxx	Fe-CuNi / J	black	white
TPxxxx	Pt100	free of polarity	

Type	Temperature range	Inlet	Part no.
TP 7010	0°C...+100°C	Pt 100	5321121
TP 7020	0°C...+200°C	Pt 100	5321122
TF 7010	0°C...+100°C	Fe-CuNi/J	5321141
TF 7020	0°C...+200°C	Fe-CuNi/J	5321151
TN 7050	0°C...+500°C	NiCr-Ni/K	5327151
TN 7100	0°C...+1000°C	NiCr-Ni/K	