8.02.00 Regulators and sensors

Backer provide regulators, temperature sensors and semiconductor relays for temperature regulation of heating equipment, tools and machines within among others plastic- and packing industries. We can offer the components or we can design, manufacture and deliver a complete unit for regulation.

>>> Regulators
We hold a wide range and types, e.g:
One or two displays
Two or five exits

>>> Temperature sensors
Backer has resistive sensors type Pt 100
for measuring of temperatures up to 600°C.
We also have thermocouple type J and K for measuring of temperatures up to 800 respectively 1150°C

>>> Semiconductor relay
As an alternative to electro mechanical contactors
to avoid disturbances in the switch function due to wear of moving parts

Fields of application
To regulate/control the temperature in e.g.:
Baths
Tools
Gluing tables
Airflow
Ovens

Example of product design