

Electronic thermostat, light grey

102-88000

4 year warranty

This electronic thermostat controls the central heating as well as the electric heating or air conditioning. There are 2 operational modes, heating and air conditioning, and 3 different status modes: on and day mode, eco and night mode and standby mode. Finishing colour: light grey.

This article is protected by at least one patent (application). For more info on patents, see www.niko.eu/innovation.

Technical data

Electronic thermostat, light grey.

- **Function:** This electronic analogue thermostat controls the central heating as well as the electric heating or air conditioning. There are 2 operational modes, heating and air conditioning, and 3 different status modes: on and day mode, eco and night mode and standby mode. The thermostat is designed for flush mounting into a wall or partition. With this thermostat, the temperature can be regulated from +5°C to +30°C. You can set a minimum and a maximum temperature so that, for example, the temperature can only be adjusted between +15°C and +25°C.
- **Print:** The setting key has a scale indicating the temperature in steps of 5 °C. In the bottom left corner there is a 3-position switch indicating an off button, daytime setting (sun) and night-time setting (moon).
- **Colour:** light grey (mass-dyed, approximately NCS S 1002 - Y, RAL 080 80 05)
- **Adjustment range:** +5 °C to +30 °C
- **Accuracy:** +/- 1 °C
- **Hysteresis:** 1 °C
- **Material central plate:** The central plate is made of rigid PC and ASA. The base material is mass-dyed.
- **Flush-mounting frame**
 - 1 mm-thick metal
 - galvanized on all sides after cutting, even on the cut edges
 - with 4 grooves with screw hole of 7 mm
 - with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
- **Fixing method**
 - with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces
 - depth of engagement of claws: 31 mm
 - claws turn back completely when loosened
- **Connection terminals:** 5 connection terminals
- **Centre-to-centre distance**
 - Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame
 - vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically



niko

- vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.
- horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides
- extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base
- Wire connection
 - the sockets are equipped with screw terminals for clamping the wires.
- Wire capacity
 - 2 x 1.5 mm² or 1 x 2.5 mm² per connection terminal
- End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.
- Protection degree: IP20
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- The combination of a mechanism, a central plate and a faceplate has an impact resistance of IK06
- Ambient temperature during storage and transport: -20 to +60 °C
- Dimensions (HxWxD): 71 x 73 mm
- Marking: CE

