



Technical information

Electric-Drive-Piston ETK 1.0

Informations



-  Follow all instructions. Incorrect mounting can result in serious injuries!
-  Disregarding of this informations, non-compliance of the technical datas, as well as an opening enclosure will invalidate our warranty!

Description of function

The ETK is used to destroy a thermo bulb in the valve-series TA3 (TA3-H, TAVE3-H, TAVZ3-H).

When the operating voltage is applied to the ETK, releases the tappet and drives its stroke of 10mm.

After releasing the tappet can be pushed back into its initial position, whereby the internal spring get tensioned.

-  Exchange the clamping screw of the thermo valve after 50 releases.
-  When released, the broken glass must be caught (ETK maintenance unit, 400500WG0000).

Mounting / technical details

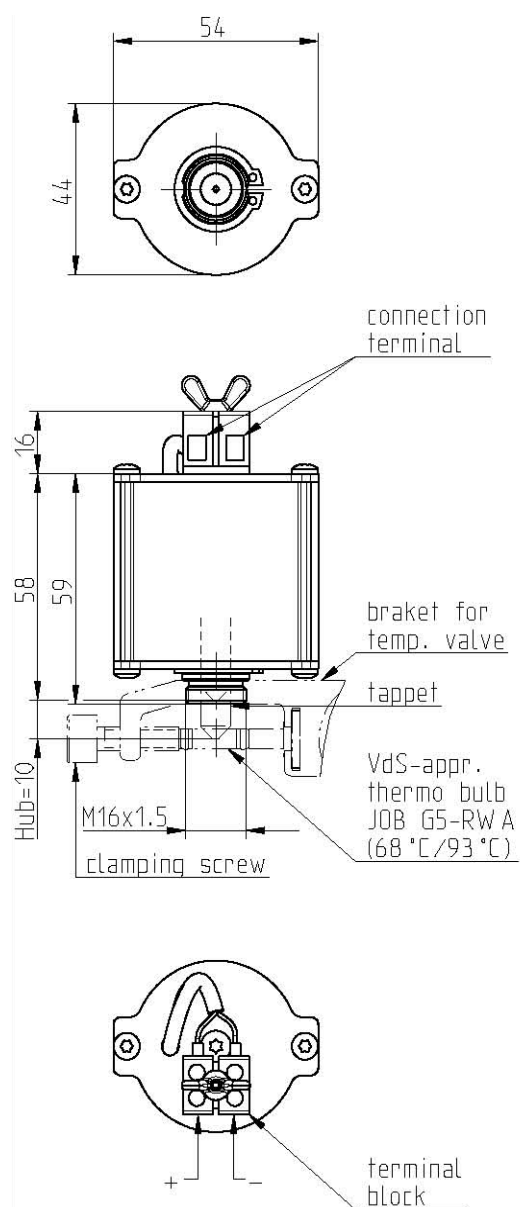
Before mounting check the scope of supply, check for transport damages and perform the commissioning.

The ETK is screwed *all the way* into the designated hole in bracket of temperature valve.

The connection of the ETK to the control is via the terminal.

Dimensioning and connection of the lead should be performed by a qualified electric company. Take care of technical data.

The ETK is suitable for connection to K+G / Grasl – control centres. When controlling by third-party control centres or other power supplies, check them for control compatibility.



picture 1: dimensional drawing

Commissioning

1. Make the ETK de-energized.
2. Push the tappet all the way in.
3. The ETK is ready now. (After a releasing is the procedure to repeat)

Maintenance

In the course of the yearly maintenance, the ETK is to inspect of visible damages, corrosion and make a check of fixture and wiring.

Disposal

The product is made of electronic components, cables, steel, non-ferrous metals and plastic. The national valid regulations regarding to these substances are observed during disposal.

Technical data

operating voltage	24VDC (+15%/-10%)
max. duty cycle	100% (at 20°C)
power	3W
push force	58N
stroke piston	10mm
ambient temperature	-25°C to 55°C (2h to 95°C)
protection class	IP40
weight	0,32kg

Scope of supply

ETK (Electric-Drive-Piston)
documentation