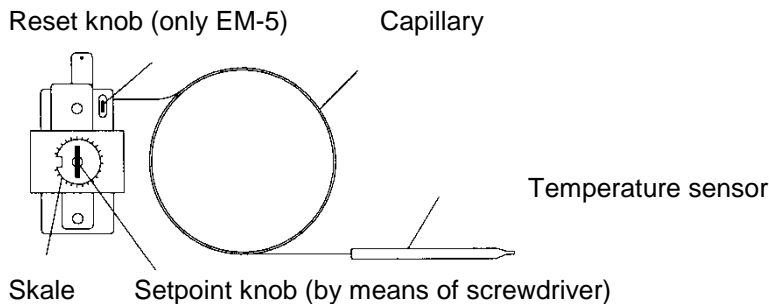




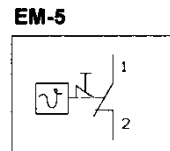
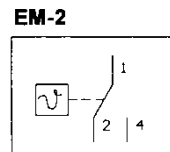
(EM-2/5) Design tested according to DIN 3440
(EM50) DVGW Registration No. CE-0085 AR 0124

The panel-mounting thermostat can be used as a regulator, limiter, as well as a high- and low-temperature monitor.

Structure



Connection diagram



Type designation

EM	: Thermostat, panel-mounting with single-pole snap-action switch
2	: Temperature monitor (TW) with changeover contact
5	: Temperature limiter (TB) with NC (break) contact and lock-out
50	: safety temperature limiter (STB) with NC (break) contact and lock-out
702	: snap-action-switch contacts gold-plated

Function

A microswitch is used as an electrical switching element. If the temperature on the temperature probe exceeds the setpoint value, the electrical circuit is opened by the microswitch. If the temperature falls below the selected setpoint (by the amount of the switching differential), the microswitch is reset to its initial position.

Technical data

Electrical connection	: faston tabs A 6,3 x 0,8 DIN 46244
Capillary (mm long)	: 1000, Werkstoff V4A / bzw. Cu (Sonderlängen auf Anfrage)
Sensor (mm diameter)	: 6, material V4A / or Cu
Current rating	: 230V / 16A

Standard types

Temperature range	0...50°C, 0...100°C, 0...150°C, 0...200°C, 50...250°C, 50...300°C, : 20...400°C, 20...500°C
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(Other ranges available on request!)