

Type series STB

Temperature monitors, temperature limiters component tested



The temperature monitors and temperature limiters correspond to the requirements of DIN 3440 and can thus be used for heating systems according to DIN 4751, for steam and hot water systems and for district heating systems. The devices with safety function (STW, STB) are self-monitoring, i.e. in the case of breakage or leaks in the measuring system, the circuit is opened and the system is switched off to the safe side.

Type summary

Setting range	Max. temperature at the probe	Immersion depth (mm)	Type
20–150 °C	175 °C	150	STW 1 F
20–150 °C	175 °C	150	STW + TRF
30–110 °C	130 °C	150	STB + TWF
30–110 °C	130 °C	150	STB + TRF
60–130 °C	150 °C	150	STB 1 F
20–150 °C	175 °C	100	TWP 1 F

Housing

Aluminium diecasting with plastic cover

Immersion tube (included in supply): brass

Screw-in thread: G 1/2"

Immersion depth: see type overview

Switching capacity

10 (2) A, 250 VAC

Type of protection IP 54

Immersion tubes

Temperature monitor, temperature limiter	TÜV-test certificate	Immersion depth	Type
STB 1 F	STB 89 501	150 mm	T 4 NSTF
TWP 1 F	TW 89 201		
STW 1 F	STW (STB) 89 401 S	150 mm	T 5 NSTF
STB + TW F	TW/STB 90 401		
STB + TR F	TR/STB 90 001		
STW + TR F	TR/STW (STB) 89 901 S		