

Capillary thermostats for use as boiler dual controller KR 85

Capillary system – TÜV tested



Technical data

Switching capacity:	15 (8) A, 24 – 250 V~, at 24 V~, min. 150 mA
Contact:	2 microswitches as potential-free changeover contacts
Ambient temperature:	-20 ... +55°C
Max. sensor temperature:	full scale + 15%
Degree of protection:	IP 43
Protection class:	I
Sensor:	liquid filled sensing element made of Cu
Dip sleeve:	nickel-plated brass (ex factory)
Colour:	grey (bottom part RAL 7016, upper part RAL 7035)

Application

Specially suited for applications in the heating technology sphere in boiler systems or heat reservoir installations, district heating transfer stations or heat transfer installations.

The dip sleeve is included in the scope of the delivery.

As for the ordering of THK...x17/ NTHK...x17 spare dip sleeves, please choose from the types listed on page 162.



TÜV type test acc. to DIN EN 14597 except *

Type	Item No.	Control range / switch-off tem- perature	Switching difference	Length of dip sleeve	Equipment	PG
KR 85.406-2	C 1850506	0... 70°C 0... 70°C	2 K 2 K	100 mm	internal setting/TW internal setting/TW	II
KR 85.109-2	C 1850518	0... 70°C 0... 70°C	2 K 2 K	100 mm	external setting/TR internal setting/TW	II
KR 85.100-5	C 1850502	35... 95°C 35... 95°C	3-5 K, fixed 3-5 K, fixed	100 mm	external setting/TR Inneneinstellung/TW	II
KR 85.101-5	C 1850516	35... 95°C 35... 95°C	3-5 K, fixed 3-5 K, fixed	200 mm	external setting/TR internal setting/TW	II
KR 85.400-5	C 1850521	35... 95°C 35... 95°C	3-5 K, fixed 3-5 K, fixed	100 mm	internal setting/TW internal setting/TW	II
KR 85.401-5	C 1850522	35... 95°C 35... 95°C	3-5 K, fixed 3-5 K, fixed	200 mm	internal setting/TW internal setting/TW	II
KR 85.102-5	C 1850517	35... 95°C 50... 130°C	3-5 K, fixed 8 K	100 mm	external setting/TR internal setting/TW	II
*KR 85.207-5	C 1850513	35... 95°C 85... 120°C	3-5 K, fixed	200 mm	external setting/TR external reset/TB	II
*KR 85.230-5	C 1850504	35... 95°C 95... 110°C	3-5 K, fixed	100 mm	external setting/TR internal reset/TB	II
*KR 85.204-8	C 1850512	50... 130°C 95... 130°C	6-8 K, fixed	100 mm	external setting/TR external reset/TB	II

TR = Temperature controller, TW = Temperature monitor, TB = Temperature limiter (manual reset after cooling down by min. 8 K)

