

## Data Sheet KTFRL-316.125

Article number: BA121700

Radio temperature actuator heating/cooling for installation in the heating circuit manifold, 8-channel, IP20

Wireless actuators (wireless temperature controllers) for heating/cooling which, in conjunction with alre wireless room temperature sensors, realize individual room temperature control. Mainly used in renovation projects or for heating system extensions. #8-channel wireless temperature actuator for installation in the heating circuit manifold. max. 3 valve actuators per channel can be connected directly / max. 20 valve actuators in total, including pump module, one time zone per channel possible, master-slave operation, averaging with up to 8 measuring points. The top section can be removed to teach the wireless sensors in the individual rooms. This requires the use of an optional, commercially available 9 V battery. The channel selection button and a teach-in button make it very easy to teach-in the sensors.



Connection cross-section	0,5 – 1,5 mm <sup>2</sup>
Number of outputs	9
Number of channels/zone	8
Display type	LED
Output signal	switching
Operation	Key
Operating voltage	230 VAC, 50 Hz
Electric connection	spring push-lock terminals

Colour	grey
RAL colour number (similar)	7016
Radio frequency	868.3 MHz
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PC
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	3 (1) A
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	wall mounting
Neutral zone	einstellbar: 0 ... 6 K
Surface finish	gloss
Test mark approval	CE
Control range	5 ... 30 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 0,5 K (delta T max. 4 K/h)
Switching element	9 relays
Switching contact	9 normally open contacts
Potential free switching contact	No
Switching power	1380 W
Protection class	IP20

Protection class	II, following appropriate mounting
Safety and EMC	in accordance with DIN EN 60730 / 300220
Ambient temperature	-10 ... 50 °C
Dimensions (W x H x D)	255 mm x 100 mm x 61,5 mm

