

Datasheet RTKSA-001.301

Articlenumber: KA000103

Universal capillary thermostat, 20...150°C, hysteresis 3.3K, TW, internal setting

This series of devices has been specially developed for use in heating technology in boiler systems or storage tanks, district heating transfer stations and heat transfer systems, in ventilation technology as supply air monitoring or as limiters for electric heating registers and for controlling and monitoring temperatures on pipes and tanks. Thermowells, protective coils and fixing set are not included in the scope of delivery. The fixing set JZ-29 must be used in conjunction with thermowells or protective coils. When used as a contact regulator (pipe mounting), the fixing set JZ-31 must be used.



Bearing temperature	-30 ... 80 °C
Capillary length	2 m
Colour	Anthracite
Contact interlocking	No
Control range	20 ... 150 °C
Cooling control function	Yes
Device version	Surface-mounted unit
Diameter sensor element	6 mm
Dimensions (W x H x D)	53 mm x 146,8 mm x 66,7 mm
Electric connection	Push-in clamp
Electronic control	No
External reset	No
External setting	No
Function type (systems engineering)	TW
Heating control function	Yes
Internal setting	Yes

Length of sensor	82 mm
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	177 °C
Max. switching current	16 (2,5) A, 0,25 A, 2 (0,4) A, 0,25 A
Max. switching voltage	230 VAC, 50/60 Hz / 230 VDC
Min. switching current	At 24 V (AC/DC) min. 100 mA
Min. switching voltage	24 VAC, 50 Hz / 24 VDC
Montage/Befestigung	In imm. sleeve, prot. coil, on tube, etc
Number of control ranges	1
Number of outputs	2
Operation	Internal setpoint adjuster
Output signal	Switching
Potential free switching contact	Yes
Protection class	I
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 3,3 K
Switching element	Microswitch
With explosion protection	No

