



**ROD-THERMOSTAT
REPLACEMENT DEVICE
VRT-01**

ROD-THERMOSTAT REPLACEMENT DEVICE VRT-01



Temperature-regulation and limitation of liquid agents, and/or in case of the faulty operation of these, for keeping the temperature of the agent at a safe level. It can be used by appliance-manufacturers and their service-agents, for water-heaters, hot-water tanks, hot-water washers and other appliances with similar operating-principles.

When the temperature set by the user (RB), or the factory pre-set temperature (WB) is reached, it will automatically change the switch-position, opening and closing it by micro-switching, i.e. it holds the temperature of the agent to be controlled at the required level within certain limits.

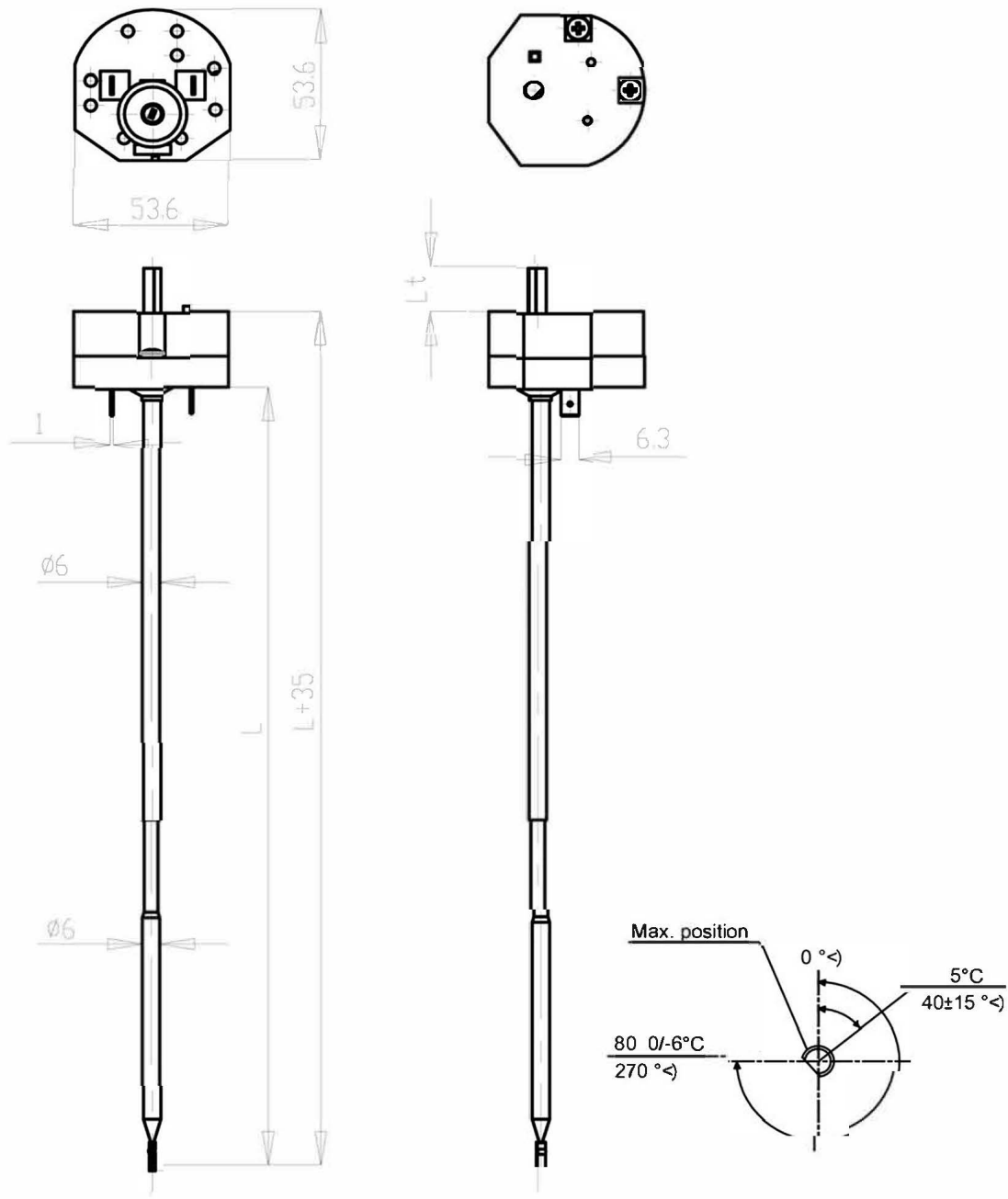
In case of faulty, abnormal operation of the regulator, when the factory pre-set temperature is reached, it will automatically and reliably open the electrical circuit with micro-switching. Re-switching can only be made after the fault has been eliminated, in voltage-free condition, manually, after the temperature of the sensor-element has dropped to room-temperature (25 +/- 5°C).

TECHNICAL DATA

Lifetime:	R, W: 50.000 cycles B, SB 1000 cycles	Mode of operation	2BL + 2BGL
Switching power:	20(4)A-4(1)A/250 V~; 16(4)A-4(1)A/400 V~;	Sensor:	Tubular: Cu: Ø6;
Max. temp. for the main unit:	85 °C / 120 °C	Protection class:	Class I. / IP 00
Work environment:	Normal	Heat and fire resistance:	D
Leakage current resistance:	≥ 175	Working range:	0-77°C / 100-120°C
Max. sensor temperature:	RW: Upper switching value +15%	Surface protection:	Galvanic coating

TYPE-EXAMPLES

Type Code	Type mark	Switch - off temp. °C	ΔT	Sensor ØD x L1/mm/;	Length of the shaft Lt /mm/
VT-5270-0-001-0	RT	5-80 110°C (0/-8)	4 ± 2	6,0 x 200-600 Cu	0 - 50



Temperature range: 5-80 0/-6°C
 Temperature range: 110 0/-10°C
 Switching power: 16A/400V~
 20A/250V~

Switching difference: ΔT 4±2K
 Max. allowed amb. temp.: T85

NAME	SIGNATURE	DATE			TITLE:
DRAWN	Várvoszlóy Ferenc	2014.04.14.			
CHKD	Szűcs Géza	2014.04.14.			
APPVD					
MFG					
Q.A			MATERIAL:	DWG NO.	VRT-01
			WEIGHT:	SCALE:1:5	SHEET 1 OF 1



Contact Us



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