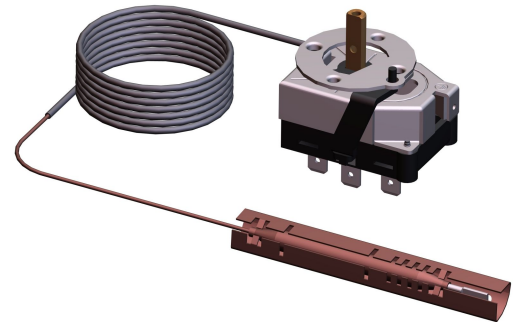


Single-pole



Application

For heat generators with temperatures up to 130°C

Features

Electro-mechanical control thermostat (TR) and temperature limiter (TW) with capillary sensor approved to EN 14597 and EN 60730-1/2-9

- Single-pole micro switch with on/off or changeover switch
- With or without limiter test button
- Sensing element with fast reaction, time factor of sensing element better than EN 14597 und EN 60730-1/2-9
- Temperature compensated switching head
- Operation type 2B (EN 60730-1/2-9)
- Environmental condition for normal pollution
- RoHS-conform

Technical data

Switching system:

Endurance class	250.000 operations	
Nominal voltage/current	1-2	1-4
240 V AC	16 (2,6) A	4 (0.6) A
Protection against electric shock	for incorporation in class I equipment I	
Protection standard of housing	IP00 (EN 60 529)	
Overvoltage category	II	

Range of application:

Setting range	0 ... 300°C
Switching differential	3 ... 10 K
Sensing element temperatur	$t_{max} + 25K$
Ambiant temperature at switching head	max. 80 °C (T80)
Storage and transport temperature	-25...+60 °C

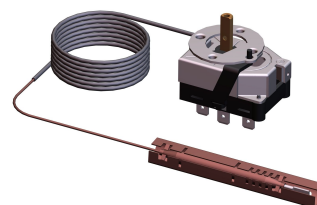
Calibration:

Calibrated for ambient temperature at switching head and capillary tube	50°C (Tu50 according EN 14597)
Calibration tolerance	$\pm 2 K \dots \pm 5 K$
Drift	$\pm 2 \%$
Time factor in water / in oil	< 45 s / < 60 s

Design:

Capillary und sensing element	copper / stainless steel
Capillary length	500 ... 3500 mm
Phial forms	
• round, diameter	3, 4, 5, 6, 6.5, 7, 8, 9.5, 10, 11, 12 mm
• half-, third-, quater circle	
Diaphragm	stainless steel
Connection terminals	Tab terminal A6.3x0.8 according to DIN46244, bent or straight
Earthing terminal	Tab terminal A6.3x0.8 according to DIN46244

INQUIRY



Capillary thermostat Type 8806/8807

Name: _____ Tel.: _____
Company: _____ Telefax: _____
Address: _____ Date: _____
E-Mail: _____

Please make us an offer free of charge for a thermostat with the following characteristics:

Type: Control thermostat Control thermostat with test button
 Limiter Thermostat

Temperature range: Maximum: _____ °C at spindle position _____ °
Minimum: _____ °C at spindle position _____ °

Switching differential: _____ K

Max. temperatures: housing: _____ °C phial: _____ °C

Compensation: yes no

Contact type: on/off (SPST) changeover (SPDT)

Terminal position: side (S) rear (H)

Phial material: copper stainless steel

Phial type: round bulb quarter circle third circle half circle
Ø C: _____ mm

Phial length B: _____ mm **Capillary length E:** _____ mm

Insulation length D: _____ mm **Spindle length F:** _____ mm

Required quantity: _____ parts per week month year

Application: _____

Other informations: _____