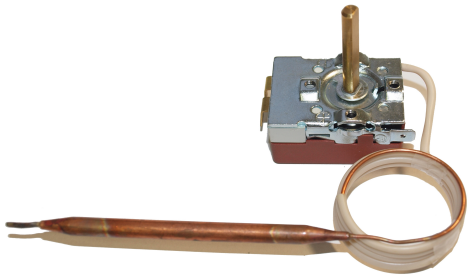
INSTRUCTION MANUAL
Capillary thermostat MMG load 20A/250V



THERMIS MĚŘÍCÍ A REGULAČNÍ TECHNIKA

➢ Description and use

Capillary thermostat MMG is a single-pole thermostat. Its use is based on dilatation of liquids. MMG thermostat is cyclically working device with a temperature sensor, which is designed to keep temperature within a defined range under normal working conditions and which is equipped with measures to enable user settings. Capillary thermostat under normal working conditions keeps a previosly set temperature in an appliance or its part by automatically switching the electric circuit on/off. Ensures a micro-disconnection of electric load. These thermostats are designed to be used mainly in hot water boilers, washing machines, electric cookers and ovens and other appliances, that are equipped with an automatic thermoregulation.

Regulatory ranges: – 20 -127°C, 7-77°C, 50-190°C.

➢ Installation

Installation and connection of the thermostat into the circuit can only be performed by a qualified person according to regulation no. 50/78 min. §6 or an employee of expert service. During the installation follow below mentioned recommendations:
Capillary thermostat should be built-in appliance category I in a way, that the connecting terminals must be under a undetachable cover. The switching system should be fixed by 2 screws M4 to the control board or the beam of the appliance with torque 1,2 Nm. **Choose the right length of the attachement screw, so that the bodies of the switch do not touch after tightening.** Switching mechanism can be installed in areas with normal envirnment AB5, AE1, AM1, AN1 , BE1, capillary system must not come in contact with corrosive substances. Capillary regulator is designed into environment with degree of pollution 2. Capillary bend done with minimum bend R = 5 mm. All sensor + (1 to 2) cm of capillary system must be placed in scanned environment. The sensor for thermoregulation of liquids must be placed in a well. Position of the sensor and switching mechanism is optional. Capillary system which could possibly be touched must be covered by protective insulation. Terminal connection to the electric circuit and connection of the earthing pin must be done with a conductor of corresponding cross section using hollows 6,3x0,8 mm.
The flat pins 6,3 x 0,8 must not be alterned to mounting conditions, which means they must not be tilted or streined otherwise.

➢ Storing conditions

Storing can be done in closed and aired rooms within temperature range 0–45 °C with relative max. humidity 75 %. Storing and trasfer must not cause a mechanical damage of the device. Thermostats must be treated with care, with no major shocks or vibrations.

➢ Possible minor failures and their elimination

Any failures of the thermostat must be rectified by the manufacturer only.

➢ Warranty

Provided, that the product has been placed and used according to the instruction manual, the manufacturer provides with warranty in compliance with a valid code, unless agreed otherwise.
The manufacturer will reject warranty repair, in case the product has been damaged:

– during transport and storage of the purchaser, or his customers,
– during installation or disassembly of device of the purchaser or his customer .

➢ Warranty and post-warranty repairs

Warranty and post-warranty repairs are provided by the manufacturer. Warranty claim of a faulty thermostat should be done at the seller. The warranty claim will be accepted in case, that following requirements are met:

– submitted warranty list of the given thermostat,
– paid invoice of the thermostat,
– the conditions and requirements of operating manual were met.