

SPECIFICATION GUIDELINE ELECTRONIC THERMOSTAT FOR THE HOT WATER TEMPERATURE MAINTENANCE AND TEMPERATURE MONITORING OF HOT WATER PIPES IN SMALL SYSTEMS OR FOR BRANCH LINES



ENERGY EFFICIENT CONTROL & MONITORING

All nVent RAYCHEM HWAT circuits up to 50 m shall be controlled via an energy saving, electronic thermostat to provide an adjustable maintained temperature in the range of 50-65°C for hot water pipes

THE CONTROLLER SHALL HAVE THE FOLLOWING FUNCTIONS

- Temperature control via pipe line sensors, 10 m probe length:
 - Mounting on DIN rail (35 mm)
 - Manual on / off
 - Easy to read digital display with temperature and Visual alarm display
 - 3 operating modes: On, Eco, OFF
 - 3 temperature settings: 55 ° C, 50 ° C, 45 ° C - easily selected; adjustable
 - Timer Function for Eco-mode for additional energy savings
 - Reading the actual line temperature
 - Protection of the hot water pipe from over temperature
 - Low temperature alarm message
 - Changeover contact alarm relay for external alarm indication (eg BMS)
 - For heating cable HWAT L / M / R to. max. 50 m
 - Installation in sub-distribution panel
 - VDE mark

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