



# electronic thermostat with LCD screen (−19,5 °C...+70 °C)



**ETN4-1999** is an electronic thermostat with LCD display, temperature differentials adjustment, independent control relay, and DIN rail - mounted contacts built in a panel. The thermostat made to control both, heating or cooling systems, with support of one or two sensors. The thermostat comes with **ETF 144/99** sensor.

**ETN4-1999** is designed to control the temperature of room heating systems, pipe tracing, and made for roof gutters and downpipes frost protection, soil frost protection and stores floor frost protection. Additionally, it comes with a high temperature control sensor (\*) **ETF-622** and can be prolonged with a 100 m cable.



## TECHNICAL DATA

Voltage	230 V AC 50/60 Hz
Max load	16 A / 3600 W
On / off switch	Build-in interrupter 2 pole
Hysteresis	+/-0,4 °C
Temperature range	-19,5 °C ... +70 °C
Sensor type	NTC
Sensor resistance	14,8 kOhm at 20 °C
Ambient temperature	-20 °C ... +55 °C
Night setback	-19,5 °C ... +30 °C
Setback mode	0-100 %
Frost protection	0 °C ... +10 °C
Protection class	IP20
LCD	25x38 mm
Dimensions	88x53x58 mm
Warranty	3 year

## PRODUCT LIST

Type	Temperature range	Sensor	Order No.
ETN4-1999	-19,5 °C ... +70 °C	External	19113682
Sensor ETF 144/99A*	-20 °C ... +70 °C	External	19121438
Sensor ETF 622**	-40 °C ... +120 °C	External	19121436

\*the sensor is supplied additionally \*\*the sensor is supplied additionally

## ACCESSORIES

Sensor ETF 144/99A\*



Sensor ETF 622\*\*

