

FutureNow 12-Channel Multi-Zone Thermostat



FutureNow 12-channel Multi-Zone Thermostat FNIP-12xMZT

The FNIP-12xMZT is a 12 in 1 multi-zone thermostat and can be considered as 12 separate programmable thermostats in one DIN Rail enclosure.

- 12 x NO relay outputs to control valves
- 12 inputs for analog temperature sensors
- Heating and cooling modes. Scheduled heating/cooling programs
- Custom programmable extra relay output ideal for boiler control
- Standalone operation. Setpoint and schedule stored, decision made within the module
- Inputs support most analog temperature sensor types
- Built-in web server for configuration, control and monitoring
- TCP communication protocol (API) with simple ASCII commands
- Free mobile apps

+362041999900

smarthome@tpmmedia.hu

- Multiple users with different user rights
- Automatic event reporting of input and output status changes
- Firmware upgrade via LAN

Specification

Power Requirements	
Main Circuitry	10.8 – 36 VDC max. 280mA @ 12V max. 150mA @ 24V
Outputs	
Type	13 x SPST NO, dry contacts
Load	max. 5A@250 VAC or 30 VDC for resistive ($\cos(\phi)=1$) loads max. 2A@250 VAC or 30 VDC for inductive ($\cos(\phi)=0.4$) loads
Inputs	
Type	12 x analog temp sensors (PT100-1000, NI1000-10000, PTC 1K-47K, NTC 1K-47K, KTY)
Communication	
Control	TCP (simple ASCII TCP commands) Build-in web server
Operation modes	Heating, Cooling, Auto, Independent
iOS/Android app	P5 iOS/Android apps
Interoperability	Drivers available for most systems
Connectors	
Terminals	2.5mm ²² screw terminals for outputs 1.5mm ²² screw terminals for analog inputs
Ethernet	RJ45 Ethernet Connector
Environmental	
Operating Temperature	0 °C – 40 °C (32 °F – 104 °F)
Storage Temperature	-20 °C – 60 °C (-4 °F – 140 °F)

+362041999900

smarthome@tpmmedia.hu

Humidity Up to 93%

Physical

Dimensions (H x W x D) 157 mm x 86 mm x 57 mm (9 DIN unit width)

Weight 0.28Kg

Installation Standard DIN Rail Mount

Approvals

CE

Package Content

FNIP-12xMZT
Quick Installation Guide

Warranty

2 years