

# TEUM01A – TEUM01B

## Wireless wall-mounted room thermostat and humidistat, with LCD touchscreen

Room thermostat and humidistat for detecting the temperature and humidity of the area/room, compatible with room thermoregulation systems that use the CDOM1x, CRM4.0, CR05xWIFI series multimedia programmable thermostats and compatible derivatives.

The device is equipped with a touch screen LCD display that locally indicates the detected temperature and humidity, sharing the information with the multimedia programmable thermostat.

The display also indicates the operating status of the zone/compartiment thermoregulation (ON/OFF), the active seasonal mode (heating/cooling), the current and set temperature (Tset), the detected humidity and any low battery warning.

Some functions can be password protected to prevent unauthorized changes to settings. Specifically, the following can be protected: Auto operating mode, local OFF operating mode, the Tc set temperature modification mode (Tcustom), access to the RF TEST and radio range check function, and the factory default reset operation.

The device complies with European Directive 2014/53/EU (RED).

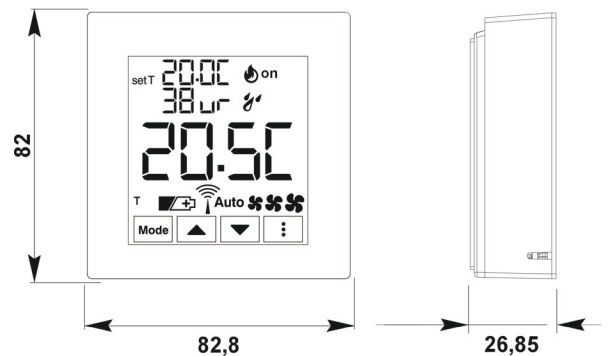
Important note: this device is part of the CDOM and CRM4.0 Building Automation System, compliant with UNI EN ISO 52120:1, whose automation level/class certification must be drawn up by a specific professional in compliance with the certification procedures reported in the UNI TS 11651 Technical Specification.



TEUM01A



TEUM01B



Dimensions (mm)

### TECHNICAL FEATURES

Power supply:	3V 2 x 1.5V AA alkaline batteries
Room temperature probe:	Built-in
Room humidity probe:	Built-in
Display:	3" LCD digital electronic touch screen
Output:	1 potential-free changeover contact: 5(3)A/250VAC
Operation:	ON/OFF or modulating
Protection rating:	IP30
Connection:	Bidirectional RF868MHz wireless radio
Connection range:	30 to 80 m
Temperature adjustment range:	+4 to +39.0°C, 0.5°C steps
Relative humidity adjustment range:	5% to 95%
Reading accuracy:	±1°C and not 0.1°C
Thermal gradient:	1°K / 15 min
Offset:	temperature / relative humidity
Blocks:	temperature / humidity
Battery life:	approximately 2 years
Indications:	battery charge and/or anomalies

## SPECIFICATION ITEM

Perry brand wall-mounted digital LCD touch zone thermo-hygrometer, model 1PE2TEUM01A (anthracite) or model 1PE2TEUM01B (white), with three temperature levels and antifreeze function, with a local relay output with a potential-free changeover contact, 5(3) A/250 VAC; Temperature setting range 4÷+39°C in 0.5°C steps; Relative humidity detection range 5÷95% with ±2% accuracy; Touch keys for function selection: increase/decrease temperature (custom mode), AUTO or OFF zone mode selection; Battery power supply (2 x 1.5V AA-LR6); wall or round box mounting; Bidirectional RF-868MHz connection with multimedia programmable thermostat; IP30 protection rating; Compliant with Directive 2014/53/EU (RED); Dimensions 82x83x27mm.

## ACCESSORIES

- 1PABTTETX01** White Table Base
- 1PABTTETX01A** Black Table Base
- 1PRPSA01** AA Alkaline Batteries