Product data sheet



GF Uponor Smatrix Wave thermostat T-166 D RAL9016

1086982

- measures and displays the perceived room temperature
- operating distance: max. 30m
- protection class: IP30
- color: white glossy

- Functions:
- heating or cooling demand indication
- manual H/C changeover function (available with Uponor Smatrix Move only)
- cooling allowed function (room by room)
- displays celsius or fahrenheit
- operating modes: room temperature (RT), internal with floor max/min (RFT), remote sensor (RS), remote outdoor (RO)
- low battery indication
- mode reception from timer
- night set back
- display with backlight (dims 10 seconds after last button event)
- displays software version (on power-up)
- compatible with Uponor Smatrix Move supply cont. X-157 Wired (1071693)
- optional: floor sensor can be connected

- Consisting of:
- Uponor Smatrix Wave thermostat digital T-166
- 2x AAA batteries
- mounting material



Application information GF Uponor Smatrix Wave thermostat T-166 D

Specification

- modular system includes controller, expansion module, com module with app for mobile devices, relay modules, thermostats and sensors
- wireless connections with Smatrix Wave thermostats
- up tp 8 room thermostats and 10 actuators (24V) per controller
- up to 14 room thermostats and 16 actuators (24V) per controller with expansion module
- up to 4 controllers in one system, wireless connected
- pump and boiler relays (output) with every controller
- 4 outputs in total for systems with relay module M-161, configurable via app
- heating/cooling switch input
- heating/cooling change with thermostat T-267
- relative humidity control with thermostats and sensors
- combines underfloor heating/cooling and ceiling cooling control
- app for mobile devices with installation wizard and intuitive user interface
- on-site access with Bluetooth BLE for commissioning and service
- generating installation configurations for repeated use in the app
- remote access via app for internet connected systems
- Smatrix AI for energy savings in installations with heat pumps
- schedule settings, via app or programmable thermostat T-168
- comfort settings
- shut-off function for the seasonal transitional period
- valve and pump exercise
- fast automatic software updates
- supply diagnostics for internet connected systems
- color LEDs on controller providing status information
- operating voltage of controller 230V
- low voltage actuators: 24VAC /0.2A (0.4A peak)

Application

- wireless room temperature control for radiant heating and cooling
- set point range: +5°C ... +35°C

Certification

- CE, UKCA

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Product code

Item no EAN	4021598149120
Item no GTIN	04021598149120
Item no LVI	2024506
Item no NOBB	51166757
Item no NRF	8361082
Item no RSK	2987789
Item no VVS	466251023
Item Replacement 1	1144106

Dimensions

Item Unit Height	25
Item Unit Length	80
Item Unit Weight	0,116
Item Unit Width	80
Item_UOM	pce

Measurements

LENGTH_L	80
Z Measurement h	25
Z Measurement w	80

Packaging

Packaging GTIN PL1	06414905284658
Packaging GTIN PL3	06414905284665
Packaging GTIN PL4	06414905284672
Packaging Height PL1	40
Packaging Height PL3	300
Packaging Height PL4	1500

Packaging Length PL1	100
Packaging Length PL3	400
Packaging Length PL4	1200
Packaging Quantity PL1	1
Packaging Quantity PL3	75
Packaging Quantity PL4	1800
Packaging Type PL1	Base_Box
Packaging Type PL3	Box
Packaging Type PL4	Pallet
Packaging Volume PL1	0,00036
Packaging Volume PL3	0,036
Packaging Volume PL4	1,44
Packaging Weight PL1	0,153
Packaging Weight PL3	11,62
Packaging Weight PL4	303,88
Packaging Width PL1	90
Packaging Width PL3	300
Packaging Width PL4	800

Documents

Page with all documents

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