

MAX-FT10-RT433

Wireless temperature transmitter



MAX-FT10-RT433 is a wireless transmitter with internal Pt100 sensor. The device consists of a radio transmitter module **MAX-FT10-RT433** and a measurement module **MAX-FT10** and also from a whip-antenna.

The design and construction of the device gives the devices high measuring accuracy and stability along with outstanding durability and resistance against adverse environmental conditions.

The device includes 433.92 MHz radio transmitter and detachable whip-antenna which enables transmissions out of closed steel cabinets and other difficult targets.

The measuring module recommended calibration period is two years. A radio transmitter module does not need calibration so it stays attached in its original installation place with an antenna.

We offer calibration agreement where we send replacement measurement modules which will be changed without any tools to the places of the measurement modules that are currently in use.

After this the measurement modules with old calibration will be sent back to us.

This prevents breaks in measurement use that would be caused by calibration and the calibration service is very inexpensive compared to all other solutions.

The endurance of the battery is up to five years, but new battery is part of the calibration service.

The device fulfills the mechanical and measuring accuracy requirements of the **EN 13485** standard.

It also conforms to the requirements of the standards **EN 13486** and **EN 12830** where applicable.



Input details	
inputs	Pt100
accuracy	±0.5°C (-30...+50°C)
input channels	1
measuring range	-30...+60°C
Radio details	
transmission interval	5 s... 5 min
coverage range	open space up to 1000 m
Output details	
output channels	1
outputs	433 MHz radio signal
Connection details	
programming	MekuWin or 6790
Power supply	
supply voltage	Battery: 1.5 V AA alkaline
battery life	Over 3 years (80 s transmission interval)
Sensor details	
sensor type	Pt100
General information	
maximum ambient temperature	60°C
minimum ambient temperature	-30 °C
case material	plastic (PC and ABS+PC)
protection class	IP66
approvals	CE and EN13485