

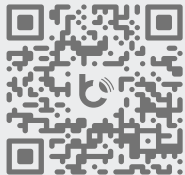
# tempSensor DIN



wireless temperature sensor  
230V, DIN rail mounting



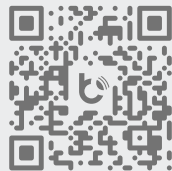
dimensions 90(98,8) x 17,5 x 64,5 mm



for more information visit our  
website [blebox.eu](https://blebox.eu)



We offer probes in lengths of 1, 2, 5, 15,  
and 30 meters, and for more demanding installations  
also in versions up to 100 m – made to order.



# applications



- Smart WiFi sensor to measure temperature from -55 to +125 °C
- Easy mounting on DIN rail in electrical panel; 230V AC power supply
- Measurement at home, garden, greenhouse, pool, cold storage and other technical or industrial installations
- Precise and waterproof probes up to 100 m in length
- Creation of a weather station together with other BleBox sensors
- Wireless automation with other BleBox controllers



# features

Monitoring locally and remotely from anywhere  
via smartphone or PC

Independent measurement in up to 4 points simultaneously  
(possibility of connecting additional probes)

Notifications and alerts to smartphone with customizable text

History with interactive graph and option to export data

# technical specifications

power supply	230V AC
energy consumption	< 1W
measurement range	from -55°C to 125°C
mesurement resolution	± 0.1°C
number of buttons	1
buttons type	tact-switch, reset function
status signaling	colorful backlight
housing type	installation module DIN-1, with 17.5mm
dimensions	90 (98.8) x 17.5 x 64.5mm

housing	ABS / acrylic, flammability class V-0 according to UL 94
probe included	none (can be purchased separately as an accessory)
maximum number of probes	4
supported topologies and maximum probe length	Start topology: - max. 100m per probe  Bus/chain topology: - max. 100m + max. 25 between each probe  Recommended cable for probes: - 3x0.14mm <sup>2</sup> , twisted pair or round telephone cable
protection level	IP20 according to PN-EN 60529
mounting method	direct mounting on a 35mm DIN rail according to PN-EN 60715
communication standard	μWiFi, compatible with WiFi, 802.11g

radio frequency	2.4 GHz
transmission type	two-way, encrypted
API	open <a href="https://technical.blebox.eu/">https://technical.blebox.eu/</a>
mode	direct connection (as Access Point), Wi-Fi connection via a standard router, connection with access from any location in the world (requires only access to the Internet)
encryption	WPA2-PSK and authenticated encryption with associated data (AEAD)
compatible devices and systems	iOS (e.g. iPhone, iPad), Android, macOS (ARM processors labeled M1 or newer)
controller operating temperature	from -20°C to +50°C