

PREDIX-V

Quick guide for MICROWAVE BARRIER

Production after 2025 august

Model numbers: Predix-100V, Predix-200V, Predix-300V

Range: 100m, 200m, 300m

Power supply voltage: 9-30Vdc

RS485 network address: 1, 57600bps

Wire connections:

Transmitter			Receiver	
brown	+ power supply		brown	+ power supply
white	- power supply		white	- power supply
green	NC tamper output		green	RS485 A
yellow	NC tamper output		yellow	RS485 B
			grey	NC alarm output
			pink	NC alarm output
			red	NC tamper output
			blue	NC tamper output

Settings:

Set the channel before powering on the units. The transmitter and receiver have to be on the same channel. If EOL resistor necessary, remove the shortcuts from the socket and use the requested resistor.

Power on the units.

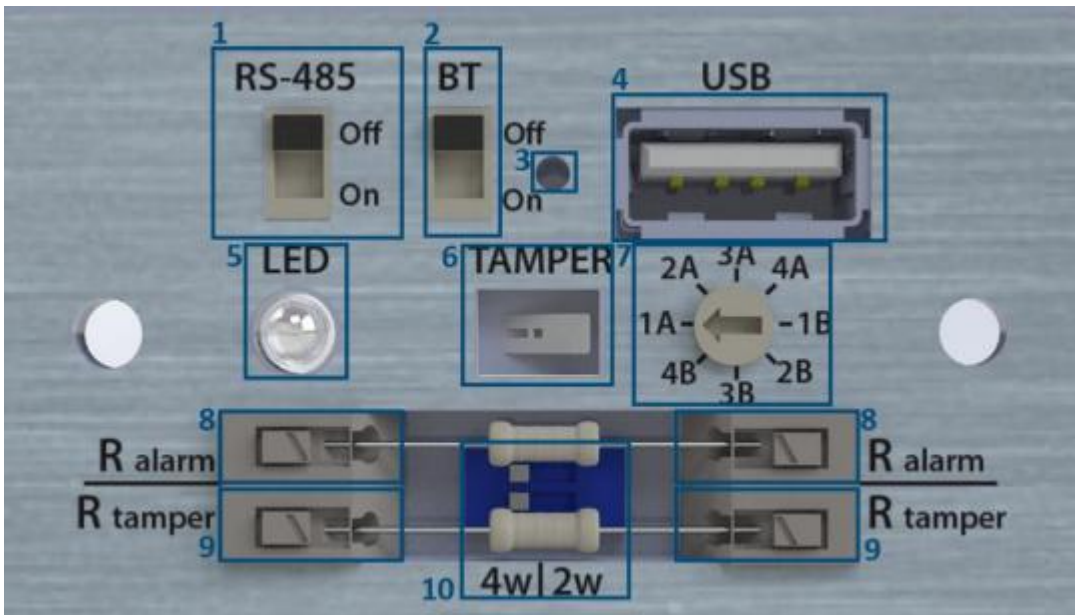
Turn on switch 1 to RS-485 programming with USB/RS485 converter (optional), then launch the programming software.

For programming through USB port, connect an A-A USB cable (optional), then launch the programming software.

Choose the com port and the network address of the sensor, the connection will be established automatically. If you don't know the network address of the sensor, please use the „Jack(253)“ option.

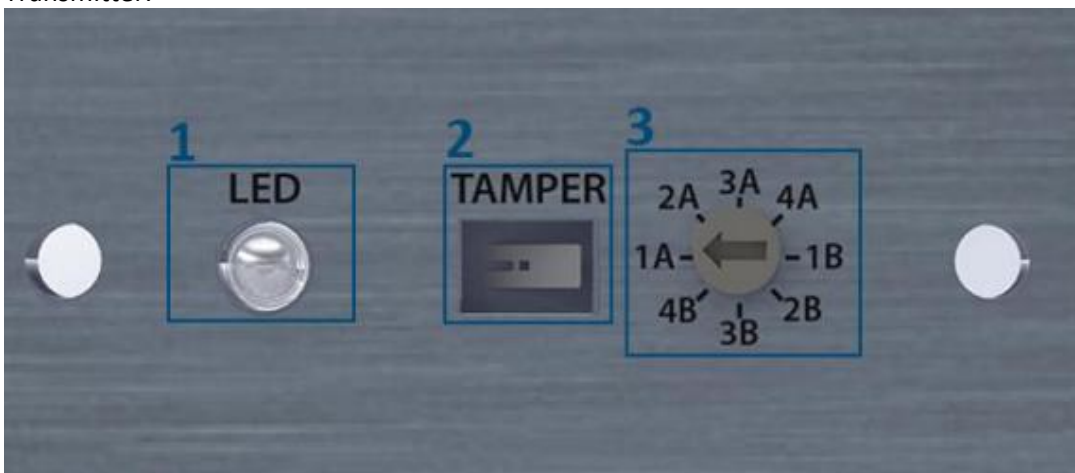
After finishing the settings with the software, disconnect the PC, and fix the cover of the switches, then tamper output should be back to normal state.

Receiver:



- 1 – RS-485 connection on/off
- 2 – Not used, don't change
- 3 – Not used
- 4 – USB connection for programming
- 5 – LED indicator
- 6 – Tamper switch
- 7 – Channel setting 1-8
- 8 – Alarm output EOL resistor socket (default: NC)
- 9 – Tamper output EOL resistor socket (default: NC)
- 10 – Not used, don't change

Transmitter:



- 1 – LED indicator
- 2 – Tamper switch
- 3 – Channel setting 1-8