



Data sheet | Item number: 758-915

Bluetooth® ETHERNET Gateway; Wireless transmission link for ETHERNET protocols

www.wago.com/758-915



RoHS Compliant

BOMcheck.net

Power connector:

M12 plug, A-coded



- 1: Vin + (DC 9 ... 30 V)
- 2: External Trigger Ground
- 3: Vin GND (0 V)
- 4: External Trigger + (DC 9 ... 30 V)
- 5: n.c.

ETHERNET connector:

M12 socket, D-coded



- 1: Transmit +
- 2: Receive +
- 3: Transmit -
- 4: Receive -

Item description

The Bluetooth® ETHERNET Gateway simplifies creation of a wireless transmission link for ETHERNET protocols (e.g., PROFINET, MODBUS/TCP, Ethernet/IP).

The gateway is used as a cable substitute to create a robust, industry-proven Bluetooth® 2.0 link between two automation devices.

Both IP65 housing and an internal circularly polarized antenna allow the gateway to be used in harsh industrial environments. Simple, push-button operation provides very fast connection between two Bluetooth® ETHERNET Gateways.

Additional settings can be made via Web-Based Management.

Bluetooth® Adaptive Frequency Hopping (AFH) and "Low Emission Mode™" provide excellent coexistence with other wireless systems, such as WLAN.

Note:

Two Bluetooth® ETHERNET Gateways are required to establish a peer-to-peer connection.

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

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Data

Technical Data

Wireless technology	Bluetooth® 2.0 Bluetooth®
Frequency band	License-free, ISM band, 2402 ... 2480 MHz
Topology	Peer-to-peer connection
Profiles supported	Generic Access Profile (GAP), Personal Area Networking Profile (PANU, NAP)
Coexistence	AFH, Low Emission Mode™
Transmission range	up to 300 m (Class 1)
Antenna	integrated
Number of inputs	1 (trigger input)
Supply voltage	DC 24 V (9 ... 30 V)
Standards/specifications	R&TTE (Europe); FCC/CFR 47 part 15; IC (Industrie Canada)

Connection data

Connection technology: communication/fieldbus	Ethernet: 1 x M12 socket; B-coded
Anschlussstechnik: Versorgung	1 x M12 plug; A-coded

Geometrical Data

Width	66 mm / 2.598 inch
Height	36,2 mm / 1.425 inch
Depth	91 mm / 3.583 inch

Mechanical data

Mounting type	Wall mount
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Material Data

Weight	120 g
Conformity marking	CE

Environmental Requirements

Surrounding air (operating) temperature	-30 ... 65 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP65

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EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-3

Commercial data

Product Group	27 (Special components I/O)
Packaging type	BOX
Country of origin	SE
GTIN	4045454905538
Customs Tariff No.	85176200000

Counterpart

Downloads

Documentation

Manual

Bluetooth® ETHERNET Gateway Wireless transmission link for ETHERNET protocols	V 1.1.0	pdf 4.9 MB	Download
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Instruction Leaflet

Bluetooth ETHERNET-Gateway		pdf 4.0 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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System Description

Radio Technology – General Product Information		pdf 516.6 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 758-915		URL	Download
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Installation Notes

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