



Data sheet | Item number: 758-916

WLAN ETHERNET Gateway; 2.4 GHz

www.wago.com/758-916



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 WLAN ETHERNET Gateways simplify the 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 WLAN 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 WLAN ETHERNET Gateways.

Additional settings can be made via Web-Based Management.

Note:

Two WLAN ETHERNET Gateways of the same type are required to establish a peer-to-peer connection.

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



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Data

Technical Data

Security encryption	None, WEP64, WEP128, TKIP, AES/CCMP
Wireless technology	IEEE 802.11 bgn WLAN
Frequency band	License-free, ISM band, 2.4 GHz
Topology	Peer-to-peer connection
Security authentication	Open, Shared, WPA/WPA2 PSK, LEAP, PEAP
Transmission range	up to 400 m
Antenna	integrated
Number of inputs	1 (trigger input: 9 ... 30 VDC)
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

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

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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Commercial data

Product Group	27 (Special components I/O)
Packaging type	BOX
Country of origin	SE
GTIN	4050821478805
Customs Tariff No.	85176200000

Counterpart

Downloads

Documentation

Manual

WLAN ETHERNET Gateway, 2.4 GHz	V 1.0.1	pdf	Download
Wireless transmission link for ETHERNET protocols		4.4 MB	

Additional Information

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

System Description

Radio Technology – General Product Information		pdf	Download
		516.6 kB	

CAD/CAE-Data

CAE data

WSCAD Universe 758-916		URL	Download
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Installation Notes

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