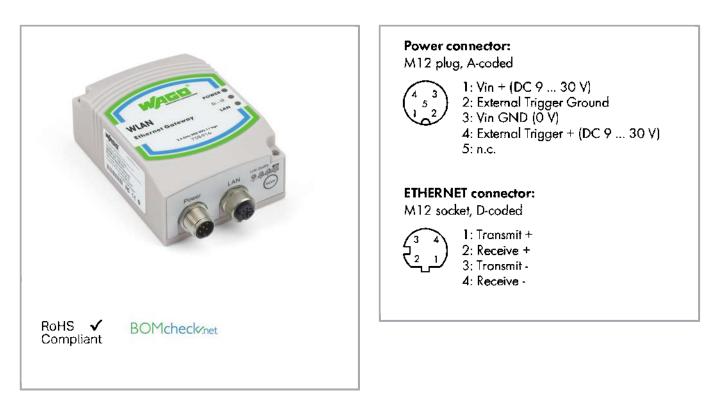


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# Data sheet | Item number: 758-916 WLAN ETHERNET Gateway; 2.4 GHz

www.wago.com/758-916



#### 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 sheet | Item number: 758-916

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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 authentification	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
Anschlusstechnik: 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	-4085 °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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#### **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 Wireless transmission link for ETHERNET protocols	V 1.0.1	pdf 4.4 MB	Download
Additional Information			
Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
System Description			
Radio Technology – General Product Information		pdf 516.6 kB	Download
CAD/CAE-Data			
CAE data			
WSCAD Universe 758-916		URL	Download

#### Installation Notes

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

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