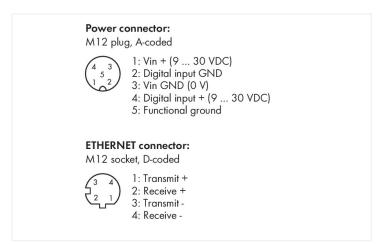
Data Sheet | Item Number: 758-918 WLAN ETHERNET Gateway

https://www.wago.com/758-918









The Wireless ETHERNET Gateway simplifies the creation of a wireless transmission link for ETHERNET protocols (e.g., PROFINET, Modbus/TCP, EtherNet/IP).

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

The gateways support various configurations and can therefore also be operated as an access point.

Both IP65 housing and internal directional antenna allow the gateway to be used in harsh industrial environments. Simple push-button operation rapidly connects two Wireless ETHERNET Gateways.

Additional settings can be made via Web-Based Management.

Note:

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

Notes

Note

The maximum range in the field decreases with use in buildings and changes depending on the building materials used and the spatial geometry. Therefore, range specifications within buildings can only represent a typical value that can normally be achieved. More detailed information is available in the manual.

Data Sheet | Item Number: 758-918

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Technical data	
Security encryption	none, WEP64, WEP128, TKIP, AES/CCMP
Radio technology	Bluetooth®: 4.0 WLAN: 802.11a/b/g/d/e/i/h
Frequency band	ISM band, 2.4 GHz (Bluetooth®, WLAN); ISM band, 5 GHz (WLAN)
Topology	Peer-to-peer connection
Security authentication	WPA/WPA2 PSK, LEAP, PEAP
Transmission range	up to 400 m
Antenna	Internal directional antenna
Number of inputs	1 (trigger input: 9 30 VDC)
Configuration options	Push-button operation Web-Based Management

24 VDC (9 ... 30 V)

Connection (

Supply voltage

Connection technology: communication/fieldbus ETHERNET: 1 x M12 socket; B-coded

Connection technology: supply 1 x M12 plug; A-coded

Physical data

 Width
 67.8 mm / 2.669 inches

 Height
 33.2 mm / 1.307 inches

 Depth
 92.7 mm / 3.65 inches

Material data

Fire load 0 MJ
Weight 120 g
Conformity marking CE

Environmental requirements

Ambient temperature (operation) -30 ... +65 °C

Ambient temperature (storage) -40 ... +85 °C

Protection type IP65

Commercial data

eCl@ss 10.0 27-14-31-36 eCl@ss 9.0 27-14-31-36 ETIM 9.0 EC001099 ETIM 8.0 EC001099 PU (SPU) 1 pcs Box Packaging type SE Country of origin **GTIN** 4055143721455 85176200000 Customs tariff number

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Environmental Product Compliance

RoHS Compliance Status Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
KC National Radio Research	Article 58-2, Clause 3	R-R-W43-WLAN758

Declarations of conformity and manufacturer's declarations

Approval Standard Certificate Name

EU-Declaration of Conformity
WAGO GmbH & Co. KG

Approvals for hazardous areas



Agency

Approval Standard Certificate Name

UL UL 121201 E198726

Underwriters Laboratories Inc. (HAZARDOUS LOCA-TIONS)

Downloads

Environmental Product Compliance

Compliance Search Environmental Product Compliance 758-918

Documentation

 $\underline{\downarrow}$

Manual Sys Product Manual Wire- V 1.0.2 pdf Rad

Product Manual Wire- V 1.0.2 pdf less ETHERNET Gate- 6781.36 KB

System Description

Radio Technology – General Product Information

9df
493.44 KB

Bid Text			
758-918	23.07.2018	doc 27.00 KB	<u>↓</u>
758-918	19.02.2019	xml 5.15 KB	$\underline{\downarrow}$

Data Sheet | Item Number: 758-918

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CAD data

2D/3D Models 758-918



Runtime Software

Firmware

0758-0918/0919, Wire-V 07 less-ETHERNET-Gate-

19.07.2022

1306.80 KB

way

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Connector plug



Item No.: 750-976

PROFINET RJ-45 connector, IP20; ETHER-NET 10/100 Mbit/s; for field assembly

1.1.1.2 ETHERNET/PROFINET cable



Item No.: 756-1201/060-020

ETHERNET cable; M12D plug; straight; 4pole; Length: 2 m

1.1.1.3 Power cable



Item No.: 756-3102/040-020

Power cable; M12A socket; angled; 4-pole; Length: 2 m

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