





**Power connector:**
M12 plug, A-coded




1: Vin + (9 ... 30 VDC)
2: Digital input GND
3: Vin GND (0 V)
4: Digital input + (9 ... 30 VDC)
5: Functional ground

**ETHERNET connector:**
M12 socket, D-coded




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

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. |

## Technical data

| | |
|---|---|
| Security encryption | none, WEP64, WEP128, TKIP, AES/CCMP |
| Radio technology | *Bluetooth*®: 4.0<br>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<br>Web-Based Management |
| Supply voltage | 24 VDC (9 … 30 V) |

## Connection Data

| | |
|---|---|
| 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

| | |
|---|---|
| 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

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | SE |
| GTIN | 4066966802610 |
| Customs tariff number | 85176200000 |


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## Product Classification

| | |
|---|---|
| UNSPSC | 43222643 |
| eCl@ss 10.0 | 27-14-31-36 |
| eCl@ss 9.0 | 27-14-31-36 |
| ETIM 9.0 | EC001099 |
| ETIM 10.0 | EC001099 |
| ECCN | 5A992.C |

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Approvals / Certificates

### General approvals

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

### Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|---|---|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |

### Approvals for hazardous areas

| Approval | Standard | Certificate Name |
|---|---|---|
| UL<br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201 | E198726 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 758-918


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## Documentation

### Manual

| | | | |
|---|---|---|---|
| Product Manual Wireless ETHERNET Gateway | V 1.0.2 | pdf<br>6781.36 KB | |

### System Description

| | | |
|---|---|---|
| Radio Technology – General Product Information | pdf<br>493.44 KB | |

### Bid Text

| | | | |
|---|---|---|---|
| 758-918 | 23.07.2018 | doc<br>27.00 KB | |
| 758-918 | 19.02.2019 | xml<br>5.15 KB | |

## Application Notes

### Application note, other

| | | | |
|---|---|---|---|
| WLAN ETHERNET Gateway Release IX08 (V3.0.2) and Cybersecurity | 1.0.0<br>19.08.2025 | pdf<br>930.24 KB | |

## CAD/CAE-Data

### CAD data

| | | | |
|---|---|---|---|
| 2D/3D Models 758-918 | | | |

## Runtime Software

### Firmware

| | | | |
|---|---|---|---|
| 0758-0918/0919, Wireless-ETHERNET-Gateway | V 07<br>19.07.2022 | zip<br>1306.80 KB | |

## 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; ETHERNET 10/100 Mbit/s; for field assembly


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### 1.1.1.2 ETHERNET/PROFINET cable



Item No.: 756-1201/060-020
ETHERNET cable; M12D plug; straight; 4-pole; 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