



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



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			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KC National Radio Research Agency	Article 58-2, Clause 3	R-R-W43-WLAN758			

Approvals for hazardous areas

		
Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	UL 121201	E198726

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 758-918	



Documentation				
Manual			System Description	
Product Manual Wire- less ETHERNET Gate- way	V 1.0.2	pdf 6781.36 KB	Radio Technology – Ge- neral Product Informati- on	pdf 493.44 KB

Bid Text			
758-918	23.07.2018	doc 27.00 KB	
758-918	19.02.2019	xml 5.15 KB	

Application Notes			
Application note, other			
WLAN ETHERNET Ga- teway Release IX08 (V3.0.2) and Cyberse- curity	1.0.0 19.08.2025	pdf 930.24 KB	

CAD/CAE-Data	
CAD data	
2D/3D Models 758-918	

Runtime Software			
Firmware			
0758-0918/0919, Wire- less-ETHERNET-Gate- way	V 07 19.07.2022	zip 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; 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; 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