



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 -

Item description

The 758-918 Wireless ETHERNET Gateway simplifies 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 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 even in harsh industrial environments. Simple, push-button operation provides very fast connection between 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.

Data**Technical Data**

Security encryption	None, WEP64, WEP128, TKIP, AES/CCMP
Wireless 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	Point-to-point 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 V ... 30 VDC)
Configuration options	push-button operation Web-based management
Supply voltage	DC 24 V (9 ... 30 V)

Connection data

Connection technology: communication/fieldbus	Ethernet: 1 x M12 socket, D-coded
Anschlussstechnik: Versorgung	1 x M12 plug, A-coded

Geometrical Data

Width	67.8 mm / 2.669 inch
Height	33.2 mm / 1.307 inch
Depth	92.7 mm / 3.65 inch

Material Data

Weight	120 g
Conformity marking	1

Environmental Requirements




Surrounding air (operating) temperature	-30 ... 65 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP65

Commercial data

Country of origin	SE
GTIN	4055143721455
Customs Tariff No.	85176200000

Compatible products

wiring and connectors

	Item no.: 750-976 PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	750-976
	Item no.: 756-1201/060-020 ETHERNET/PROFINET cable, straight; 2 m; fitted on one end; D-coded; M12 plug, straight; one free cable end	756-1201 /060-020
	Item no.: 756-3102/040-020 Power supply cable, angled; 2 m; fitted on one end; A-coded; M12 socket, angled; one free cable end	756-3102 /040-020

Downloads

Documentation

Manual

Wireless ETHERNET Gateway	V 1.0.2	pdf 6.9 MB	Download
Wireless transmission link for ETHERNET protocols			

Bid Text

758-918		docx 16.9 kB	Download
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Additional Information

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

Radio Technology – General Product Information		pdf 516.6 kB	Download
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Subject to changes.