





- Power connector:**
M12 plug, A-coded
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- 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
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- 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, Ether-Net/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
Surrounding air 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 8.0	EC001099
ETIM 7.0	EC001099
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	SE
GTIN	4055143721455
Customs tariff number	85176200000