

# FL WLAN EPA - Wireless module

2692791

<https://www.phoenixcontact.com/us/products/2692791>

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WLAN Ethernet Port Adapter, as a wireless connection from an Ethernet interface to a WLAN Access Point.

## Your advantages

- Degree of protection IP65
- Maximum security according to IEEE 802.11i with AES encryption
- Integrated special antenna (EPA)

## Commercial data

Item number	2692791
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN26
Product key	DNN2W3
GTIN	4046356422420
Weight per piece (including packing)	250 g
Weight per piece (excluding packing)	240.8 g
Customs tariff number	85176200
Country of origin	SE

## Technical data

### Product properties

Product type	Wireless module
Type	Stand-alone

### Wireless card

Number	1
Assembly note	Permanently installed

### Electrical properties

Maximum power dissipation for nominal condition	1.824 W
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### Supply: Module electronics

Connection method	M12 connector, A-coded (male)
Supply voltage	24 V DC
Supply voltage range	9 V DC ... 30 V DC
Supply current	76 mA (at 24 V DC)
Current consumption	76 mA (at 24 V DC)

### Input data

#### Digital:

Number of inputs	1
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### Interfaces

#### Ethernet

Interface	Ethernet
Number	1
Connection method	M12 connector, D-coded (female)

#### Antenna

Number	1
Connection method	permanently installed

#### Functions

Operating modes	Ethernet client adapter
Configuration	Web interface, MODE button, AT commands (TCP/IP), SSC
Automatic channel selection	yes
Quality of service (QoS)	Yes
Security	802.11i
	WPA PSK (preshared key)
	WPA2 PSK
	AES
	WEP 64 bit/128 bit

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	TKIP
	Supports 802.1X/RADIUS
Wireless licenses	Europe, USA, Canada, additional countries in the e-shop
Country support	Belgium
	Bulgaria
	Denmark
	Germany
	Estonia
	Finland
	France
	Greece
	Great Britain
	Ireland
	Iceland
	Italy
	Canada
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Netherlands
	Norway
	Austria
	Poland
	Portugal
	Romania
	Sweden
	Switzerland
Slovakia	
Slovenia	
Spain	
Czech Republic	
Hungary	
USA	
Cyprus (rep.)	
Japan	

## Wireless

Designation	Wireless LAN
Antenna connection method	(Internal)
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Frequency band	2.4 GHz
	WLAN

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Wireless standard	IEEE 802.11
	b
	g
	n
Transmission power	max. 20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 b/g/n
Wireless modules that can be connected	1

## Dimensions

Width	66 mm
Height	91 mm
Depth	34 mm
Note on dimensions	Without M12 connections

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 65 °C
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 90 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 90 % (non-condensing)

## Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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## Mounting

Mounting type	Panel mounting
	Panel mounting
Assembly note	Internal circularly polarized panel antenna

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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