

FL WLAN EPA - Wireless module

2692791

<https://www.phoenixcontact.com/be/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
Minimum order quantity	1 pc
Sales key	DNN2W3
Product key	DNN2W3
Catalog page	Page 454 (C-6-2017)
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

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Technical data

Product properties

Type	Stand-Alone
Product type	Wireless module

Wireless card

Number	1
Assembly instructions	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 connectors (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	Wall mounting
	Wall mounting
Assembly instructions	Internal circularly polarized panel antenna

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Classifications

ETIM

ETIM 7.0

EC000817

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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

FL WST BASIC DEMO - Software

2692377

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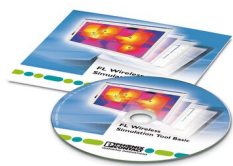


Simulation software for supporting the planning of wireless systems in industrial environments. Their functionality is limited with regard to the memory options as compared with the full version FL WST BASIC.

FL WST BASIC - Software

2692254

<https://www.phoenixcontact.com/be/products/2692254>



Simulation software for supporting the planning of wireless systems in industrial environments. Thus, the later number and position of wireless components can be estimated and the quality of the radio coverage simulated.

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VS-08-RJ45-5-Q/IP20 - RJ45 connector

1656725

<https://www.phoenixcontact.com/be/products/1656725>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

SAC-4P-M12MSD/ 2,0-931 - Bus system cable

1569391

<https://www.phoenixcontact.com/be/products/1569391>



Bus system cable, Ethernet CAT5 (100 Mbps), 4-position halogen-free, shielded, Plug straight M12, coding: D, on free cable end, cable length: 2 m

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SAC-4P-M12MSD/ 5,0-931 - Bus system cable

1569401

<https://www.phoenixcontact.com/be/products/1569401>



Bus system cable, Ethernet CAT5 (100 Mbps), 4-position halogen-free, shielded, Plug straight M12, coding: D, on free cable end, cable length: 5 m

NBC-M12MSD/ 1,0-93E/R4AC - Network cable

1407360

<https://www.phoenixcontact.com/be/products/1407360>



Network cable, Ethernet CAT5 (100 Mbps), 4-position, shielded (Advanced Shielding Technology), Plug straight M12, coding: D / IP67, on Plug straight RJ45 / IP20, cable length: 1 m

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NBC-M12MSD/ 2,0-93E/R4AC - Network cable

1407361

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Network cable, Ethernet CAT5 (100 Mbps), 4-position, shielded (Advanced Shielding Technology), Plug straight M12, coding: D / IP67, on Plug straight RJ45 / IP20, cable length: 2 m

NBC-M12MSD/ 5,0-93E/R4AC - Network cable

1407362

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Network cable, Ethernet CAT5 (100 Mbps), 4-position, shielded (Advanced Shielding Technology), Plug straight M12, coding: D / IP67, on Plug straight RJ45 / IP20, cable length: 5 m

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SAC-4P- 1,5-PUR/M12FS - Sensor/actuator cable

1668108

<https://www.phoenixcontact.com/be/products/1668108>



Sensor/actuator cable, 4-position halogen-free, free cable end, on Socket straight M12, coding: A, cable length: 1.5 m

SAC-4P- 3,0-PUR/M12FS - Sensor/actuator cable

1668111

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Sensor/actuator cable, 4-position halogen-free, free cable end, on Socket straight M12, coding: A, cable length: 3 m

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SAC-4P- 5,0-PUR/M12FS - Sensor/actuator cable

1668124

<https://www.phoenixcontact.com/be/products/1668124>



Sensor/actuator cable, 4-position halogen-free, free cable end, on Socket straight M12, coding: A, cable length: 5 m

SAC-4P-10,0-PUR/M12FS - Sensor/actuator cable

1683002

<https://www.phoenixcontact.com/be/products/1683002>



Sensor/actuator cable, 4-position halogen-free, free cable end, on Socket straight M12, coding: A, cable length: 10 m

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FL EPA RMS - DIN rail adapter

2701133

<https://www.phoenixcontact.com/be/products/2701133>

Set for mounting devices with EPA design on a DIN rail



FL EPA WMS - Mounting adapter

2701134

<https://www.phoenixcontact.com/be/products/2701134>

Set for mounting devices with EPA design to wall or mast, including mast clips for a diameter of 25 - 85 mm, can be moved on two axes for optimum alignment, stainless steel



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