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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Wireless module - FL WLAN EPA - 2692791

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

### Why buy this product

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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 422420
GTIN	4046356422420

### Technical data

#### Dimensions

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

#### Ambient conditions

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

#### Ethernet interface

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## Technical data

### Ethernet interface

Interface	Ethernet
Number	1
Connection method	M 12 connectors (D-coded, female)

### Wireless interface

Designation	Wireless LAN
Wireless standard	IEEE 802.11
	b
	g
	n
Antenna connection method	(Internal)
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Frequency band	2.4 GHz
Transmission power	max. 20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 b/g/n
Wireless modules that can be connected	1

### Wireless card

Number	1
Assembly instructions	Permanently installed

### Antenna

Assembly instructions	Internal circularly polarized panel antenna
Number	1
Connection method	permanently installed

### Power supply for 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)

### 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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## Technical data

### Functions

	TKIP
	Supports 802.1X/RADIUS

### Digital inputs

Number of inputs	1
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### General

Mounting type	Wall mounting
Net weight	240.8 g
Wireless licenses	Europe, USA, Canada, additional countries in the e-shop
Wireless licences	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

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### Technical data

#### General

	Cyprus (rep.)
	Japan
Mounting type	Wall mounting

#### Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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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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