

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.

Product Features

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

Key commercial data

package_quantity	1
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 mean sea level)
Degree of protection	IP65

Ethernet interface

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

Wireless interface

Designation	Wireless LAN
Wireless standard	IEEE 802.11
Wireless standard	b

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Technical data

Wireless interface

Wireless standard	g
Wireless standard	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
Security	WPA PSK (preshared key)
Security	WPA2 PSK
Security	AES
Security	WEP 64 bit/128 bit
Security	TKIP
Security	Supports 802.1X/RADIUS

Digital inputs

Number of inputs	1
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General

Weight	120 g
Mounting type	Wall mounting
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

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General

Conformance with EMC directives	Noise immunity test in accordance with EN 61000-6-2 EN 61000-6-4
Wireless licences	Belgium
Wireless licences	Bulgaria
Wireless licences	Denmark
Wireless licences	Germany
Wireless licences	Estonia
Wireless licences	Finland
Wireless licences	France
Wireless licences	Greece
Wireless licences	Great Britain
Wireless licences	Ireland
Wireless licences	Iceland
Wireless licences	Italy
Wireless licences	Canada
Wireless licences	Latvia
Wireless licences	Liechtenstein
Wireless licences	Lithuania
Wireless licences	Luxembourg
Wireless licences	Malta
Wireless licences	The Netherlands
Wireless licences	Norway
Wireless licences	Austria
Wireless licences	Poland
Wireless licences	Portugal
Wireless licences	Romania
Wireless licences	Sweden
Wireless licences	Switzerland
Wireless licences	Slovakia
Wireless licences	Slovenia
Wireless licences	Spain
Wireless licences	Czech Republic
Wireless licences	Hungary
Wireless licences	USA
Wireless licences	Cyprus (rep.)

classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215

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classifications

eCl@ss

eCl@ss 5.1	27250501
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	19170201

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001423

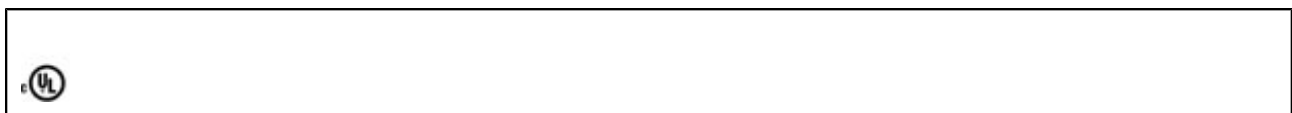
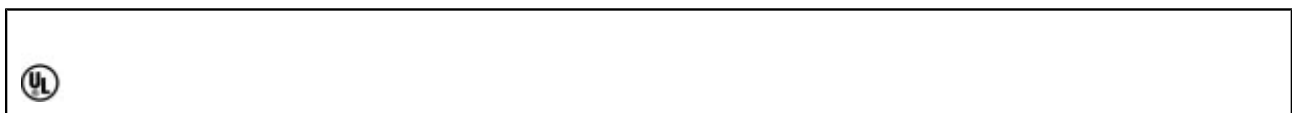
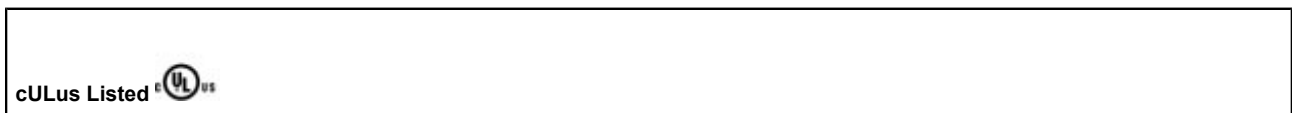
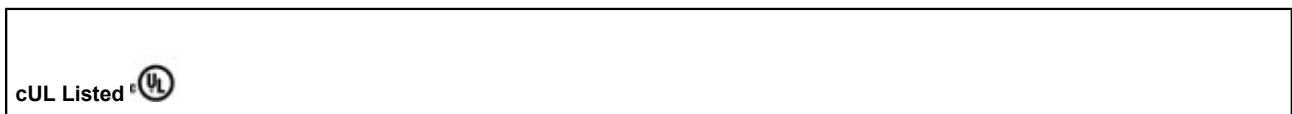
UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

approvals

UL Listed / cUL Listed / cULus Listed / UL Listed / cUL Listed / cULus Listed /

Approval details



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approvals



accessories

Simulation software

FL WST BASIC DEMO - 2692377



FL WST BASIC - 2692254



Data plug

VS-08-RJ45-5-Q/IP20 - 1656725



Data cable preassembled

SAC-4P-M12MSD/ 2,0-931 - 1569391



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accessories

SAC-4P-M12MSD/ 5,0-931 - 1569401



VS-MSD-IP20-93E/1,0 - 1403498



VS-M12MS-IP20-93E-LI/2,0 - 1406056



VS-MSD-IP20-93E/5,0 - 1403500



Sensor/actuator cable

SAC-4P- 1,0-PUR/M12FS - 1400420



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accessories

SAC-4P- 2,0-PUR/M12FS - 1533576



SAC-4P- 3,0-PUR/M12FS - 1668111



SAC-4P- 5,0-PUR/M12FS - 1668124



Mounting rail adapter

FL EPA RMS - 2701133



Assembly adapter

FL EPA WMS - 2701134



Drawings

