

FL WLAN EPA

Order No.: 2692791



Commercial data	
EAN	4046356422420
Pack	1
Weight/Piece	262.80 g
Catalog page information	Page 219 (AX-2009)

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Technical data	
Ethernet interface	
Interface	Ethernet
No.	1
Type of connection	M 12 connectors (D-coded, female)
Wireless interface	
Name	Wireless LAN
Frequency range	ISM 2.4 GHz
Transmission capacity	max. 20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 b/g
Wireless modules that can be connected	1
Wireless card	
No.	1
Assembly instructions	Permanently installed

Antenna

Assembly instructions	Internal circularly polarized panel antenna
No.	1
Type of connection	Permanently installed

Power supply for module electronics

Type of connection	M12 connector (A-coded, male)
Supply voltage	24 V DC
Range of supply voltages	9 V DC ... 30 V DC

Functions

Operating modes	Ethernet client adapter
Configuration	Web-based management
Automatic channel selection	Yes
Security	802.11i
	WPA PSK (preshared key)
	WPA2 PSK
	AES
	WEP 64 bit/128 bit
	TKIP

Digital inputs

Number of inputs	1
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General data

Width	66 mm
Height	91 mm
Depth	34 mm
Note on dimensions	Without M12 connections
Weight	120 g
Ambient temperature (operation)	-30 °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
Class of protection	III

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

Accessories		
Item	Designation	Description
Cable/conductor		
1400420	SAC-4P- 1,0-PUR/M12FS	Sensor/actuator cable, 4-pos., PUR halogen-free black, free conductor end on straight M12 socket, cable length: 1.0 m
1533576	SAC-4P- 2,0-PUR/M12FS	Sensor/actuator cable, straight female connector M12, 4-pos., cable length: 2 m
1668111	SAC-4P- 3,0-PUR/M12FS	Sensor/actuator cable, 4-pos., PUR halogen-free black, free conductor end on straight M12 socket, cable length: 3 m
1668124	SAC-4P- 5,0-PUR/M12FS	Sensor/actuator cable, 4-pos., PUR halogen-free black, free conductor end on straight M12 socket, cable length: 5 m
1569391	SAC-4P-M12MSD/ 2,0-931	Bus system cable, ETHERNET, 4-pos., PUR blue halogen-free, shielded, straight connector M12 D-coded on free conductor end, length: 2 m
1569401	SAC-4P-M12MSD/ 5,0-931	Bus system cable, ETHERNET, 4-pos., PUR blue halogen-free, shielded, straight connector M12 D-coded on free conductor end, length: 5 m
1657575	VS-M12MSD-RJ45-931/ 1,0	Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), M12 4-pos. D-coded on RJ45 connector, length: 1 m
1657588	VS-M12MSD-RJ45-931/ 2,0	Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), M12 4-pos. D-coded on RJ45 connector, length: 2 m
1657591	VS-M12MSD-RJ45-931/ 5,0	Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), M12 4-pos. D-coded on RJ45 connector, length: 5 m
Plug/Adapter		
1656725	VS-08-RJ45-5-Q/IP20	RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable diameter of 4.5 mm ... 8.0 mm, TIA 568 B labeling, color: gray
Software		
2692254	FL WST BASIC	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.
2692377	FL WST BASIC DEMO CD	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.