Extract from the online catalog

FL BT MOD IO AP

Order No.: 2884758



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Factoryline Wireless Bluetooth Modbus I/O Access Point, Modbus TCP; Bluetooth V2.0, frequency band 2.4 GHz; 1 wireless interface; WLAN-BlackChannelList; LEM; country approvals; IP20; COMBICON connection 9 - 30 V DC; RJ45 connection LAN;DSUB9-RS-232;SMA(F) antenna connection

Commercial data

GTIN (EAN)	4 046356 173117
Note	Made-to-order
sales group	K004
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 322 (NTK-2010)

Product notes

WEEE/RoHS-compliant since: 08/29/2008

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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Ethernet interface

Interface	Ethernet
Number	1
Type of connection	RJ45 female connector

Wireless interface	
Name	Bluetooth
Wireless standard	Bluetooth 2.0
Frequency range	ISM 2.4 GHz
Transmission power	max. 14 dBm (with automatic control)
Number of wireless interfaces	1
Wireless modules that can be connected	7 (FLM BT DIO 8/8 M12, ILB BT ADIO 2/2/16/16, FLM BT DI16 M12)
Profiles supported	HID

Wireless card	
Number	1
Type	Bluetooth 2.4 GHz up to 1 Mbps
Assembly instructions	Permanently installed

Antenna	
Assembly instructions	External OMNI antenna, antennas can be exchanged
Number	1
Type of connection	SMA (male)

Power supply for module electronics	
Type of connection	Via COMBICON
Supply voltage	24 V DC
Supply voltage range	9 V DC ... 30 V DC
Supply current	200 mA
Current consumption	200 mA

Functions	
Operating modes	Access point for wireless I/O
Configuration	Web-based management
Automatic channel selection	FHSS, AFH
Security	128-bit data encryption
	Authentication
	PIN
	Non-discoverable

Certificates / Approvals



Certification	CUL Listed, UL Listed
Certification Ex:	CUL-EX, UL-EX

Accessories

Item	Designation	Description
General		
2884949	FL BT ADAPTER	The DIN rail adapter is required to snap the Bluetooth devices FL BLUETOOTH AP, FL BT MOD IO AP, FL WLAN SPA and FL BT SPA onto a DIN rail. To do this, it is mounted on the respective device using the two enclosed screws.
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	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.

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