

FL BT MOD IO AP - Wireless module



2884758

<https://www.phoenixcontact.com/us/products/2884758>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Wireless Bluetooth Modbus I/O access point, Modbus TCP; RJ45 connection for LAN; D-SUB9 - RS-232; antenna connection: SMA (female)

Product description

Factoryline Wireless Bluetooth Modbus I/O access point, Modbus TCP; Bluetooth V2.0, 2.4 GHz frequency band; 1 wireless interface; WLAN black channel list; LEM; country registrations; IP20; COMBICON connection for 9 to 30 V DC; RJ45 connection for LAN; D-SUB9 - RS-232; SMA(F) antenna connection

Your advantages

- WLAN coexistence functions AFH, LEM, black channel listing
- Parallel operation of numerous Bluetooth systems
- Extremely rugged and reliable
- Quick and easy startup

Commercial data

Item number	2884758
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN26
Product key	DNC662
GTIN	4046356173117
Weight per piece (including packing)	248.6 g
Weight per piece (excluding packing)	247.6 g
Customs tariff number	85176200
Country of origin	SE

Technical data

Product properties

Product type	Wireless module
Type	Stand-alone

Wireless card

Number	1
Type	Bluetooth, 2.4 GHz ... 1 Mbps
Assembly note	Permanently installed

Electrical properties

Maximum power dissipation for nominal condition	4.8 W
---	-------

Supply: Module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC
Supply voltage range	9 V DC ... 30 V DC
Supply current	200 mA
Current consumption	200 mA

Interfaces

Ethernet

Interface	Ethernet
Number	1
Connection method	RJ45 jack

Antenna

Number	1
Connection method	SMA (male)

Functions

Configuration	Web-based management
Automatic channel selection	FHSS, AFH
Security	128-bit data encryption
	Authentication
	PIN
	Non-discoverable
Wireless licenses	Europe, additional countries in the e-shop
Country support	Australia (Special rule: Please contact the Product Manager)
	Belgium
	Bulgaria
	Denmark
	Germany
	Estonia

FL BT MOD IO AP - Wireless module



2884758

<https://www.phoenixcontact.com/us/products/2884758>

	Finland
	France
	Greece
	Great Britain
	Ireland
	Iceland
	Israel
	Italy
	Canada
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Netherlands
	Norway
	Austria
	Poland
	Portugal
	Romania
	Russia (Special rule: Please contact the Product Manager)
	Sweden
	Switzerland
	Singapore
	Slovakia
	Slovenia
	Spain
	Czech Republic
	Turkey
	Hungary
	USA
	Cyprus (rep.)

Serial

Connection method	D-SUB 9 plug
Protocols supported	RS-232

Wireless

Designation	Bluetooth
Antenna connection method	SMA (female)
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Frequency band	2.4 GHz
Wireless standard	Bluetooth 2.0
Transmission power	max. 14 dBm (with automatic control)
Number of wireless interfaces	1

FL BT MOD IO AP - Wireless module



2884758

<https://www.phoenixcontact.com/us/products/2884758>

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

Dimensions

Width	80 mm
Height	65 mm
Depth	25 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °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)	10 % ... 95 % (non-condensing)

Standards and regulations

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

Mounting

Mounting type	Panel mounting, optional DIN rail mounting
	Panel mounting
Assembly note	External OMNI antenna, antennas can be exchanged

FL BT MOD IO AP - Wireless module



2884758

<https://www.phoenixcontact.com/us/products/2884758>

Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
-------------------------------------	--

	No substance above 0.1 wt%
--	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com