

FL BT SPA - Wireless module

2884952

<https://www.phoenixcontact.com/us/products/2884952>

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Factoryline Wireless Bluetooth Serial Port Adapter, as a wireless connection from a serial interface to an FL BLUETOOTH AP.

Commercial data

Item number	2884952
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN2B2
GTIN	4046356173100
Weight per piece (including packing)	235.4 g
Weight per piece (excluding packing)	235.4 g
Customs tariff number	85176200
Country of origin	SE

Technical data

Product properties

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

Antenna	
Number	1
Connection method	SMA (male)

Functions

Operating modes	Serial client adapters
Configuration	By means of AT commands
Automatic channel selection	FHSS, AFH
Security	128-bit data encryption
	MAC filter
	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
	Finland
	France
	Greece

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	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, RS-485, RS-422

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
Wireless modules that can be connected	1
Profiles supported	SPP

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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)
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Mounting

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

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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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