

## Wireless set - FLM BT DIO 8/8 M12-P2P-SET - 2737614

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Fieldline Modular Wireless IO set, consisting of: Wireless IO base station for one Wireless IO terminal and Wireless IO device, 8 digital inputs, 8 digital outputs, M12



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	690.0 GRM
Custom tariff number	85176200
Country of origin	Germany

### Technical data

#### Dimensions

Width	70.5 mm
Height	178.5 mm
Depth	50 mm
Drill hole spacing	168 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Permissible humidity (operation)	95 %
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above mean sea level)
Degree of protection	IP65

#### Interfaces

Connection method	M12 connectors, D-coded
Designation connection point	Copper cable
Transmission speed	10/100 MBit/s (autonegotiation)
Transmission physics	Copper
Address area assignment	1 word

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### Technical data

#### Interfaces

Number of positions	4
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#### Wireless interface

Designation	Bluetooth
Wireless standard	Bluetooth 1.2
Antenna connection method	SMA (female)
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Transmission power	8 dBm (6.3 mW, controlled automatically)
Wireless modules that can be connected	1 (Permanently paired to base station)

#### Antenna

Assembly instructions	OMNI antenna is included
Number	1
Connection method	SMA (male)

#### Power supply for module electronics

Connection method	M12 circular connector
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including ripple)
Supply current	< 100 mA

#### Digital inputs

Input name	Digital inputs
Connection method	M12 connector
	2, 3-wire
Number of inputs	8 (double-occupancy)
Filter time	500 µs
Input characteristic curve	IEC 61131-2 type 1

#### Digital outputs

Output name	Digital outputs
Connection method	M12 connector
	2, 3-wire
Number of outputs	8 (double-occupancy)
Protective circuit	Short-circuit protection, overload protection, protected against reverse voltages
Maximum output current per channel	500 mA

#### General

Weight	565 g
Mounting type	Wall mounting

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### Technical data

#### General

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
Wireless licences	Australia (Special rule: Please contact the Product Manager)
	Belgium
	Bulgaria
	Denmark
	Germany
	Estonia
	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

## Wireless set - FLM BT DIO 8/8 M12-P2P-SET - 2737614

### Technical data

#### General

	Turkey
	Hungary
	USA
	Cyprus (rep.)

### Classifications

#### eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27250203
eCl@ss 5.0	27250203
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608

#### ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

#### UNSPSC

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