



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

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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