

PSI-WL-PROFIB/BT-SET

Order No.: 2313313



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PSI-Line-Bluetooth-PROFIBUS-SET pre-configured for a point-to-point Profibus connection. Scope of supply: 2x Bluetooth converter + 2x omnidirectional antenna. DIN-rail mountable. Supply 24 V AC/DC



Commercial data

EAN	4046356327213
Pack	1 Pcs.
Customs tariff	85176200
Weight/Piece	0.4769 KG

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Technical data

Serial interface

Interface 1	RS-485 interface, in acc. with EIA/TIA-485, DIN 66259-4/RS-485 2-wire
Termination resistor	390 Ω - 150 Ω - 390 Ω (can be connected)
Transmission length	Max. 1200 m
Type of connection	COMBICON screw terminal block

Radio interface

Interface description	Specification 2.0, class 1
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Transmission method	Frequency hopping 1.6 kHz (FHSS)
Transmit capacity, minimum	-28 dBm (adjustable)
Transmit capacity, maximum	20 dBm (adjustable)

Minimum receiver sensitivity	-83.00 dBm
Antenna	External
Type of connection	MCX
Range	20 dBm (100 mW) = 80 m to 150 m

Power supply

Nominal supply voltage	24 V AC $\pm 20\%$ (via pluggable COMBICON screw terminal block)
	24 V DC $\pm 20\%$ (as an alternative or redundant, via backplane bus contact and system current supply)
Range of supply voltages	10 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)
	19 V AC ... 29 V AC (via pluggable COMBICON screw terminal block)
Typical current consumption	40 mA (for 24 V DC)

General data

Length	99 mm
Height	114.5 mm
Width	22.5 mm
Ambient temperature (operation)	-20 °C ... 60 °C
Electrical isolation	Supply // RS-232 // functional earth ground
Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EEC
Degree of protection	IP20
Housing material	PA 6.6-FR
Color	green

Address

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