

# RAD-ISM-900-SET-BD-BUS


Order No.: 2867089



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2867089>

Bidirectional, wireless, 900 MHz transmission system (America), made up of 2 transceivers (transmitter and receiver)



Commercial data	
GTIN (EAN)	 4 017918 929596
Note	Made-to-order
sales group	H172
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 665 (IF-2011)

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Technical data	
<b>Wireless set</b>	
Set contents	2 transceivers
<b>General data</b>	
Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Degree of protection	IP20
Mounting position	Any
Assembly instructions	DIN rail NS 35
Housing material	Polyamide PA non-reinforced
Conformance	FCC Directive, Part 15.247
	ISC Directive RSS 210

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

#### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2867238	RAD-CAB-LMR400-100	Antenna extension cable, length: 100 ft
2867380	RAD-CAB-LMR400-60	Antenna extension cable, length: 60 ft
2867393	RAD-CAB-LMR400-80	Antenna extension cable, length: 80 ft
2885210	RAD-CAB-LMR600-125	Antenna extension cable, length: 125 ft
2885184	RAD-CAB-LMR600-150	Antenna extension cable, length: 150 ft
2885197	RAD-CAB-LMR900-200	Antenna extension cable, length: 200 ft
2867597	RAD-CAB-RG213-25	Antenna extension cable, length: 25 ft
2867377	RAD-CAB-RG213-40	Antenna extension cable, length: 40 ft
2867225	RAD-CAB-RG213-50	Antenna extension cable, length: 50 ft
2867364	RAD-CAB-RG58-10	Antenna extension cable, length: 10 ft
2867212	RAD-CAB-RG58-20	Antenna extension cable, length: 20 ft

#### General

2867322	RAD-IN+OUT-2D-1A-I	Analog /digital module for 2 digital inputs/outputs and 1 analog input/output
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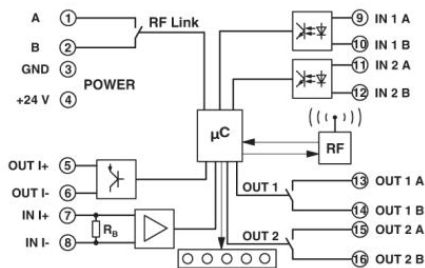
2885223	RAD-IN-2D-CNT	Digital expansion module with 2 digital inputs for measuring pulses and frequencies
2867115	RAD-IN-4A-I	Analog extension module with 4 analog current inputs 4 mA ... 20 mA
2867144	RAD-IN-8D	Digital extension module with 8 digital inputs
2867160	RAD-ISM-900-ANT-OMNI-0-6	Omnidirectional antenna, IP65 protection, cable length 2 m, connection MCX (male)
2867791	RAD-ISM-900-ANT-OMNI-FG-3-N	Omnidirectional antenna, IP65 protection, gain 5 dBi, connection N (female)
2885579	RAD-ISM-900-ANT-OMNI-FG-6-N	Omnidirectional antenna, IP65 protection, gain 8 dBi, connection N (female)
2867801	RAD-ISM-900-ANT-YAGI-3-N	Panel antenna, IP65 protection, gain 5 dBi, cable length 1.5 m, connection N (female)
2867830	RAD-ISM-900-ANT-YAGI-6.5-50-AS	Panel antenna with surge protection, adapter cable MCX->N and assembly material, IP65 protection, gain 8.5 dBi, cable length 15.2 m, connection N (female)
2867814	RAD-ISM-900-ANT-YAGI-6.5-N	Panel antenna, IP65 protection, gain 8.5 dBi, cable length 1.5 m, connection N (female)
2885236	RAD-OUT-2D-CNT	Digital expansion module with 2 digital outputs for output of pulses and frequencies
2867128	RAD-OUT-4A-I	Analog extension module with 4 analog current outputs 4 mA ... 20mA
2867157	RAD-OUT-8D-REL	Digital extension module with 8 digital outputs

**Plug/Adapter**

2867607	RAD-CON-MCX-MCX-SS	Adapter cable, pigtail 30 cm SMA (m) -> N (m)
2867717	RAD-CON-MCX-N-SB	Adapter cable, pigtail 120 cm MCX(m) -> N(f)
2885207	RAD-CON-MCX90-N-SS	Adapter cable, pigtail 120 cm 90° MCX(m) -> N(m)
2867403	RAD-CON-SMA-N-SS	Adapter cable, pigtail 120 cm SMA(m) -> N(m)

**Diagrams/Drawings**

Block diagram



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