

# RAD-ISM-900-TX-AU - Wireless module



2867458

<https://www.phoenixcontact.com/us/products/2867458>

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Transmitter as replacement device, for unidirectional, wireless 900 MHz transmission system (Australia)

## Commercial data

Item number	2867458
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNC651
GTIN	4046356046855
Weight per piece (including packing)	444.44 g
Weight per piece (excluding packing)	444.44 g
Customs tariff number	85176990
Country of origin	CA

## Technical data

### Product properties

Product type	Wireless module
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### Electrical properties

#### Supply Transmitter

Supply voltage	24 V DC
Supply voltage range	12 V DC ... 30 V DC
Typical current consumption	75 mA
Max. current consumption	350 mA

### Input data

#### Digital

Input voltage range	5 V AC/DC ... 30 V AC/DC
Switching threshold "0" signal, voltage	max. 1.5 V DC
Switching threshold "1" signal voltage	min. 5 V DC

#### Analog

Description of the input	Current input (analog input)
Current input signal	4 mA ... 20 mA
Input resistance current input	< 170 Ω

#### Analog

Description of the input	Voltage input (digital input)
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### Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	24 ... 14
Screw thread	M3

### Interfaces

#### Wireless

Direction	Uni-directional
Frequency range	915.1 MHz ... 927.8 MHz
Number of channel groups	2
Number of channels per group	63
Transmission power	1 W

#### Wireless

Frequency range	915.1 MHz ... 927.8 MHz
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## Wireless

Frequency band	900 MHz
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## Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

## Material specifications

Color	green
Housing material	Polyamide PA non-reinforced

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
	-40 °F ... 158 °F
Ambient temperature (storage/transport)	-40 °C ... 85 °C

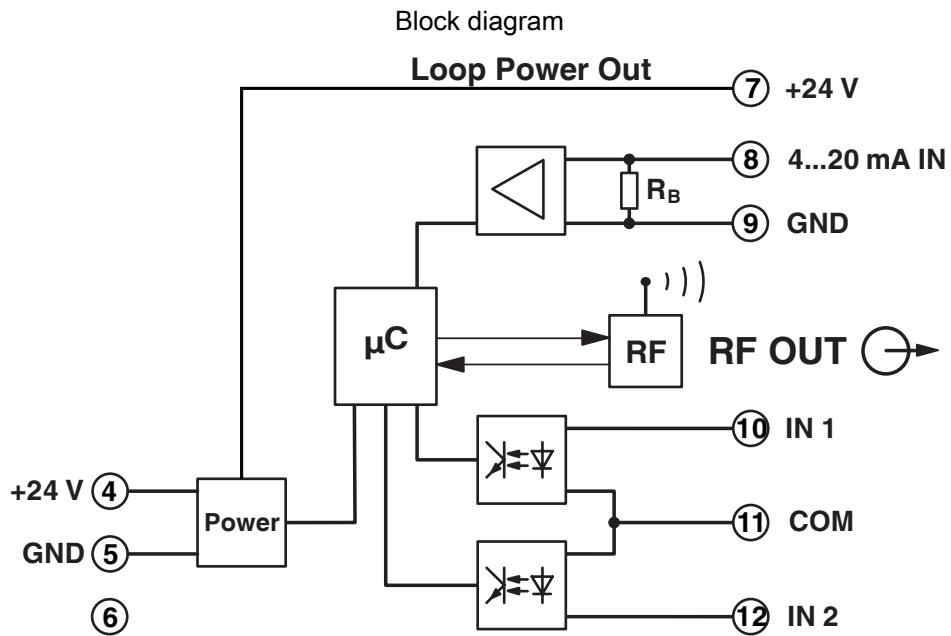
## EMC data

Electromagnetic compatibility	FCC Part 15.247
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## Mounting

Assembly note	on standard DIN rail NS 35 in accordance with EN 60715
Mounting position	any

## Drawings



Transmitter module

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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)