

# Cable for programming - RAD-CABLE-USB



2903447

<https://www.phoenixcontact.com/pc/products/2903447>

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Radioline - USB data cable for communication between the PC and Radioline devices, energy supply for diagnostics and configuration via the USB port of the PC, cable length: 2 m / 6.5 ft

## Your advantages

- Power supply for diagnostics and configuration via the USB port of the PC

## Commercial Data

Item number	2903447
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	DNC61Z
Catalog Page	Page 376 (C-6-2019)
GTIN	4046356739429
Weight per Piece (including packing)	70 g
Weight per Piece (excluding packing)	64.3 g
Customs tariff number	85444290
Country of origin	DE

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## Technical Data

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Product properties

Product type	Programming cable
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### Electrical properties

Transmission medium	Copper
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### Connection data

#### PC side

Connection method	USB 2.0 Fullspeed
Notes	serial

#### Device side

Connection method	IFS data port
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### Material specifications

Material	PVC
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### Cable / line

Cable length	2 m
External cable diameter	3.50 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C (-13 °F ... 158 °F)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (-40 °F ... 185 °F)
Max. permissible relative humidity (operation)	≤ 90 % (at 25 °C, non-condensing)

### Approval data

#### EAC

Identification	EAC
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### EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2

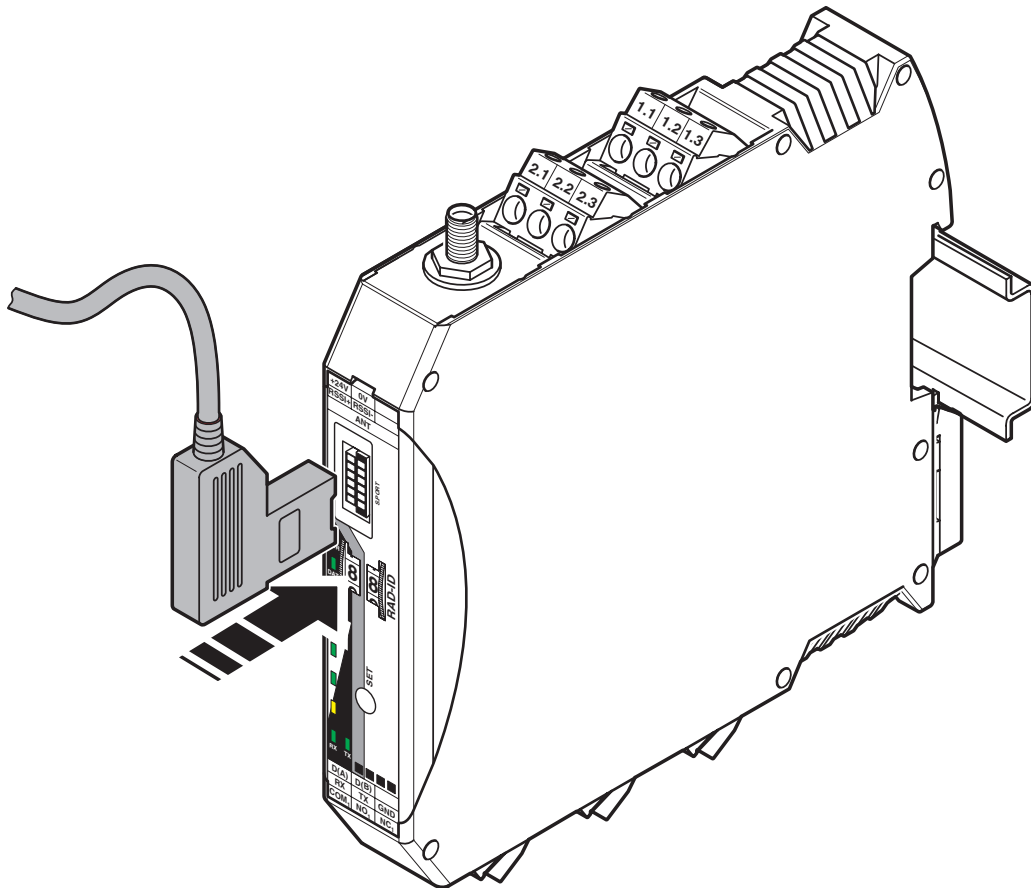
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## Drawings

Schematic diagram



## Example application

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## Approvals



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

ECLASS-9.0	19179290
ECLASS-10.0.1	19179290
ECLASS-11.0	19179090

### ETIM

ETIM 8.0	EC002608
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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## Accessories

### Wireless module

Wireless module - RAD-2400-IFS - 2901541

<https://www.phoenixcontact.com/pc/products/2901541>



Radioline - 2.4 GHz wireless transceiver with RS-232/RS-485 interface, can be extended with I/O modules, RSMA (female) antenna connection, point-to-point, star, and mesh networks up to 250 stations, range of up to 5 km (with a clear line of sight), for worldwide use

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### Wireless module

Wireless module - RAD-900-IFS - 2901540

<https://www.phoenixcontact.com/pc/products/2901540>



Radioline - 900 MHz wireless transceiver with RS-232/485 interface, can be extended with I/O modules, RSMA (female) antenna connection, point-to-point, star, and mesh networks up to 250 stations, range of up to 32 km (line of sight), use in North America

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## Wireless module

Wireless module - RAD-868-IFS - 2904909

<https://www.phoenixcontact.com/pc/products/2904909>



Radioline - 868 MHz wireless transceiver with RS-232/RS-485 interface, can be extended with I/O modules, RSMA (female) antenna connection, point-to-point, star, and mesh networks up to 99 stations, range of up to 20 km (with a clear line of sight), for use in Europe

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## Communication module

Communication module - RAD-RS485-IFS - 2702184

<https://www.phoenixcontact.com/pc/products/2702184>



Radioline - RS-485 multipoint multiplexer, can be extended with I/O modules, can be used as Modbus/RTU bus coupler or can be combined with Radioline wireless system, up to 99 stations, range of up to 1.2 km on in-house copper cables

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