

**RC F P2 SP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**DC connector:**

The circular connectors of the DC family are characterised by their compact design. This allows them to be used in a wide range of applications and industries. They are available both as male and female connectors.

**General ordering data**

Order No.	<a href="#">2903200000</a>
Type	RC F P2 SP
GTIN (EAN)	4099986122376

## RC F P2 SP

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## Technical data

## Dimensions and weights

Net weight	20 g
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## Temperatures

Operating temperature	-40 °C...85 °C
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## Technical data customisable plug-in connectors

Cable diameter, max.	13.5 mm	Cable diameter, min.	7 mm
Coding	none	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Connection cross-section, max.	4 mm <sup>2</sup>
Connection cross-section, min.	0.5 mm <sup>2</sup>	Contact material	Brass
Contact surface	Brass	Housing main material	PA 66
Number of poles	2	Protection degree	IP68
Rated current	17.5 A	Rated voltage	450 V
Shield connection	No	Type of connection	Screw connection

## General data

Housing main material	PA 66	Number of poles	2
Type of connection	Screw connection		

## Technical data

Cable diameter, max.	13.5 mm	Cable diameter, min.	7 mm
Coding	none	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Contact material	Brass
Contact surface	Brass	Protection degree	IP68
Rated current	17.5 A	Rated impulse withstand voltage	4 kV
Rated voltage	450 V	Shield connection	No
Stripping length	6 mm	UL 94 flammability rating	V-2, V-0

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b64e9137-212c-40f4-8b4a-2cb7feb25f72

## Approvals

Approvals



ROHS	Conform
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## Technical data

### Downloads

Catalogues

[Catalogues in PDF-format](#)

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## Accessories

### Round connector M20 mounting tool



Tool:

This tool is ideal for installing the M20 built-in connectors.

### General ordering data

Type	MTA RC
Order No.	<a href="#">2884950000</a>
GTIN (EAN)	4064675852070
Qty.	

### M20

Protective caps suitable for FieldPower and WIPL family with round connector



### General ordering data

Type	PC RC F
Order No.	<a href="#">2833850000</a>
GTIN (EAN)	4064675591412
Qty.	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****DC connectors**

DC connector:

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**General ordering data**

Type	RC M P2 M20 SP
Order No.	<a href="#">2860650000</a>
GTIN (EAN)	4064675576662
Qty.	

**DC connectors**

DC connector:

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**General ordering data**

Type	RC M P2 SP
Order No.	<a href="#">2903190000</a>
GTIN (EAN)	4099986122369
Qty.	