

**RC M P2 M20 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="#">2860650000</a>
Type	RC M P2 M20 SP
GTIN (EAN)	4064675576662

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Net weight 12 g

**Temperatures**

Operating temperature -40 °C...85 °C

**Technical data customisable plug-in connectors**

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	IP67, 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**

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	IP67, IP68
Rated current	17.5 A	Rated impulse withstand voltage	4 kV
Rated voltage	450 V	Shield connection	No
Stripping length	7 mm	UL 94 flammability rating	V-2

**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

**Downloads**Catalogues [Catalogues in PDF-format](#)

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[www.weidmueller.com](http://www.weidmueller.com)**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 M
Order No.	<a href="#">2820090000</a>
GTIN (EAN)	4064675591405
Qty.	

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## Accessories

### DC connectors



DC connector:

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### General ordering data

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