

**RC F P2 SP****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)

The circular connectors with screw system 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 plugs and sockets.

**General ordering data**

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

## RC F P2 SP

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## Technical data

## Approvals

## Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

## Dimensions and weights

Diameter	20 mm	Net weight	20 g
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## Temperatures

Storage temperature		Ambient temperature	-25 °C...125 °C
Operating temperature	-40 °C...60 °C		

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	b64e9137-212c-40f4-8b4a-2cb7feb25f72

## Technical data customisable plug-in connectors

Number of poles	2	Coding	none
Contact surface	Brass	LED	No
Type of connection	Screw connection	Housing main material	PA 66
Cable diameter, max.	13 mm	Cable diameter, min.	7 mm
Contact material	Brass	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Nominal voltage	500 V
Nominal current	17.5 A	Protection degree	IP68
Gender of contact	Female	Shield connection	No
Threaded ring material	Plastic	Connection cross-section, max.	4 mm <sup>2</sup>
Connection cross-section, min.	0.5 mm <sup>2</sup>		

## General data

Number of poles	2	Connection thread	M20
Reverse polarity protection	Yes	Type of connection	Screw connection
Housing main material	PA 66		

## Classifications

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

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

## Plug connector - screw system



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## General ordering data

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

## DC connectors



The circular connectors with screw system 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 plugs and sockets.

## General ordering data

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

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**Accessories**

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**M20**

Protective caps suitable for FieldPower and WIPL family  
with round connector

**General ordering data**

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