

RC F P2 SP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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	RC F P2 SP
GTIN (EAN)	4099986122376

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

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 ²
Conductor cross-section, min.	0.5 mm ²	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 ²
Connection cross-section, min.	0.5 mm ²		

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 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	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	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.	2884950000		
GTIN (EAN)	4064675852070		
Qty.			

Plug connector - screw system



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General ordering data

Type	RC M P2 SP	Version	
Order No.	2903190000		
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.	2860650000		
GTIN (EAN)	4064675576662		
Qty.			

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www.weidmueller.com**Accessories****M20**

Protective caps suitable for FieldPower and WIPL family
with round connector

**General ordering data**

Type	PC RC F	Version	
Order No.	2833850000		
GTIN (EAN)	4064675591412		
Qty.			