

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 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.	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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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.			