

RC F P3 M20 C SP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The circular connectors with click system enable a quick connection with a high protection class. They are available both as plugs and sockets.

General ordering data

Order No.	2992990000
Type	RC F P3 M20 C SP
GTIN (EAN)	4099986872066

RC F P3 M20 C SP

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Diameter	20 mm	Net weight	14.96 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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

Technical data customisable plug-in connectors

Number of poles	3	Coding	none
Contact surface	Brass	LED	No
Type of connection	PUSH IN, Lever clamp, PUSH IN with actuator	Housing main material	PA 66
Cable diameter, max.	13 mm	Cable diameter, min.	7 mm
Contact material	Brass	Conductor cross-section, max.	1.5 mm ²
Conductor cross-section, min.	0.25 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	3	Connection thread	M20
Reverse polarity protection	Yes	Type of connection	PUSH IN, Lever clamp, PUSH IN with actuator
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		

Drawings



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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 - click system



The circular connectors with click system enable a quick connection with a high protection class. They are available both as plugs and sockets.

General ordering data

Type	RC M P3 C SP	Version	
Order No.	2992960000		
GTIN (EAN)	4099986872035		
Qty.			