



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Suggested matching part	<a href="#">CNB.M06.GLLR</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cfb-m06-gla-c72rz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfb-m06-gla-c72rz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Insert configuration value	2P.M06 - 6 Low V.
Insulator	L: PEEK for solder contacts
Rated current	12 A
Test voltage contact-contact	1.91 (kV DC)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Standard

## Form & Material

Shell style / Model id	CF - Straight plug with cable collet, watertight (IP 66) and nut for fitting a bend relief
Plug	Straight
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Red
Weight	9.29 g

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## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP66
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

## Cable fixation







Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 7.20 mm

# Recommended By Lemo

## Tools

Spanner	<a href="#">DCP.91.023.TN</a>
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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
106220	PVC	Black	
12080	PVC	Grey	
160240	PVC	Black	
260250	PVC	Grey	

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