

Standard



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Summary

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Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfc-m10-gla-c52nz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Insert configuration value	2P.M10 - 10 Low V.
Insulator	L: PEEK for solder contacts
Rated current	8 A
Test voltage contact-contact	2.05 (kV DC)
Air clearance	0.75 mm
Creepage distance	0.75 mm
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	30 - 22
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	C: 3 keys (alpha=0, gamma=100, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Black
Weight	9 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	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. 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]	3.20 - 5.20 mm

Recommended By Lemo

Bend Reliefs

GMA.2B.045.RG	GMA.2B.045.RA	GMA.2B.045.RB
GMA.2B.045.RJ	GMA.2B.045.RM	GMA.2B.045.RN
GMA.2B.045.RR	GMA.2B.045.RS	GMA.2B.045.RV

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
110260	PTFE	White	