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Summary

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Number of contacts Low Voltage	12
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	CAB.M12.GLA.C72GZ
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckb-m12-glng.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
Insert configuration value	2P.M12 - 12 Low V.
Insulator	L: PEEK for solder contacts
Rated current	7 A
Test voltage (kV rms) Contact-contact	1.25
Air clearance	0.85 mm
Creepage distance	0.85 mm
Contact Dia.	0.7
Number of contacts Low Voltage	12
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	CK - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Weight	5.86 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>5000 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.

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

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