



*Image for illustrative purpose only*

## 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
Series	REDEL P - Push-Pull

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	Crimp
Insert configuration value	2P.M12 - 12 Low V.
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Test voltage contact-contact	1.77 (kV DC)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.8
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

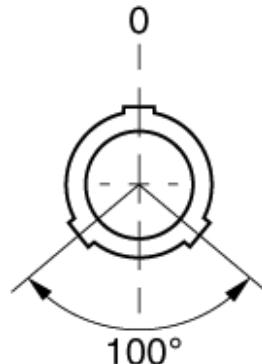
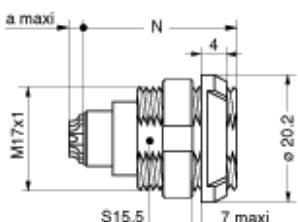
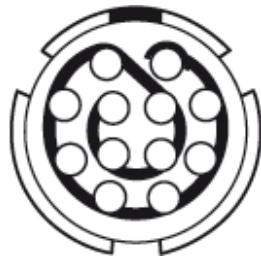
## Form & Material

Shell style / Model id	CK - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	C: 3 keys (alpha=0, gamma=100, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	6.1 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	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.

## Drawings



## Dimensions

**N**

mm.	25.1
in.	0.99

## Recommended By Lemo

### Accessories

Replacement contact	EGG.2B.655.ZZM
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[https://www.lemo.com/int\\_en/solutions/redele/redele-p-push-pull/ckc-m12-gymg.html](https://www.lemo.com/int_en/solutions/redele/redele-p-push-pull/ckc-m12-gymg.html)

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## Tools

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Spanner	COP.155.GN
Positionner	DCE.91.072.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPG.91.701.V

[https://www.lemo.com/int\\_en/solutions/redele/redele-p-push-pull/ckc-m12-gymg.html](https://www.lemo.com/int_en/solutions/redele/redele-p-push-pull/ckc-m12-gymg.html)

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