

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	<a href="#">CFB.M16.GYC.C72RZ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cnb-m16-gymr.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cnb-m16-gymr.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	Crimp
Insert configuration value	2P.M16 - 16 Low V.
Insulator	Y: PEEK for crimp contacts
Rated current	5 A
Test voltage contact-contact	1.63 (kV DC)
Air clearance	0.65 mm
Creepage distance	0.65 mm
Bucket Dia.	0.8
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	CN - Fixed receptacle, nut fixing, watertight (IP 66)
Socket / Receptacle	Fixed Panel Front Mounted
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
Variant	Red front flange
Weight	8.03 g

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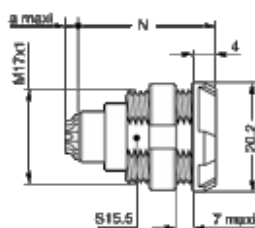
## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP66
Endurance	>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.

## Cable fixation

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

# Drawings



## Dimensions

	L	N
mm.	28.7	23.8
in.	1.13	0.94

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# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">EGG.2B.655.ZZM</a>
Tools	
Spanner	<a href="#">COP.155.GN</a>
Positionner	<a href="#">DCE.91.072.BVM</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>