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## Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 15.60 mm
Size	2P
Suggested matching part	<a href="#">CAB.M16.GLA.C52G</a>
Series	REDEL P - Push-Pull

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

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	Solder
Insert configuration value	2P.M16 - 16 Low V.
Insulator	L: PEEK for solder 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 mm (0.031in)
Contact Dia.	0.7 mm (0.027in)
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	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	6.55 g

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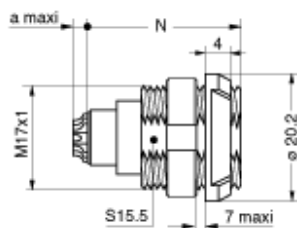
## Environment

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.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	1.00 - 15.60 mm

## Drawings











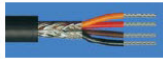

## Dimensions

	<b>N</b>	<b>a</b>
mm.	23.8	3.4-4.9
in.	0.94	

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T28.059PGZE		grey	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	
116080	PUR	Black	
116280	PVC	Black	
16050	PVC	Black	
216220	PVC	Black	
216240	PVC	Black	
216260	PVC	Black	
316250	PVC	Grey	

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