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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 Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 15.60 mm
Size	2P
Suggested matching part	<a href="#">CAB.M12.GLA.C72GZ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/clb-m12-gllg.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clb-m12-gllg.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
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
Contact Type	Solder
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.027in)
Number of contacts Low Voltage	12
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	CL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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	5.65 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.

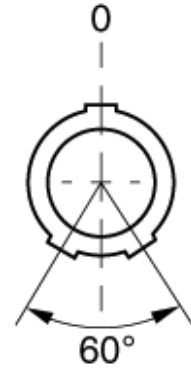
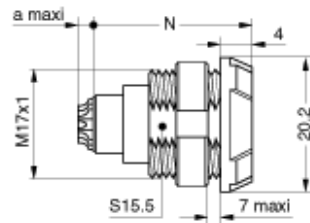
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## Cable fixation

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

## Drawings








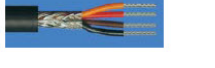
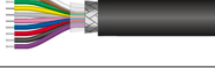
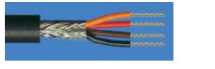
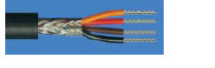
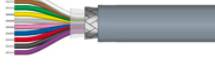
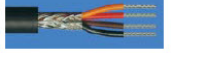
## Dimensions

	<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.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	

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