

[Standard](#)

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Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
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	CAB.M03.NLA.C52N
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clb-m03-nlln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
Insert configuration value	2P.M03 - 3 Low V.
Insulator	L: PEEK for solder contacts
Rated current	17 A
Test voltage contact-contact	3.39 (kV DC)
Air clearance	1.5 mm
Creepage distance	1.5 mm
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.062in)
Wire Size/AWG	24 - 16
Gender	Standard

Form & Material

Shell style / Model id	CL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Black
Weight	6.48 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.

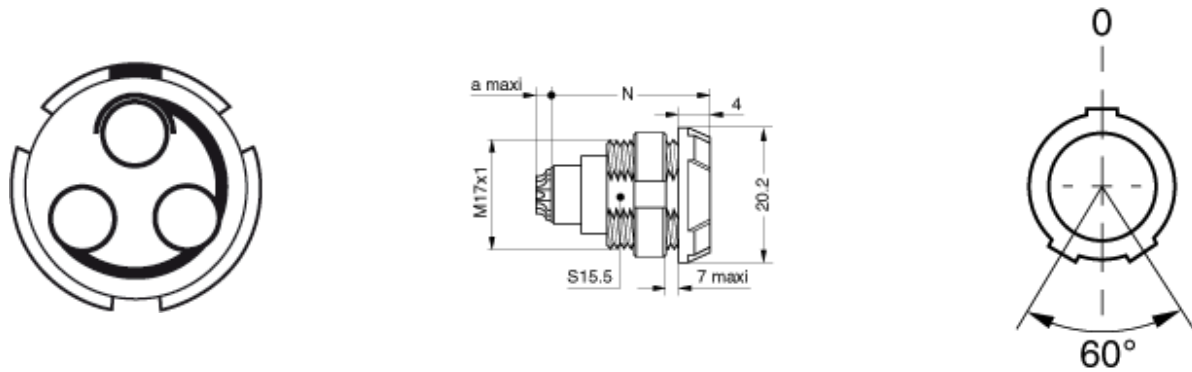
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Cable fixation

Jacket cable outside diameter [mm]	1.00 - 15.60 mm
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Drawings



Dimensions

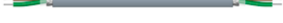
	N	a
mm.	23.8	3.4-4.9
in.	0.94	

Recommended By Lemo

Tools

Spanner	COP.155.GN
Spanner 2	COB.202.GN

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T18.055PGZE		grey	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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