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Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	28 - 20
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	CAB.M06.GLA.C52G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckb-m06-gllg.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Insert configuration value	2P.M06 - 6 Low V.
Insulator	L: PEEK for solder contacts
Rated current	12 A
Test voltage contact-contact	1.91 (kV DC)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
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 g

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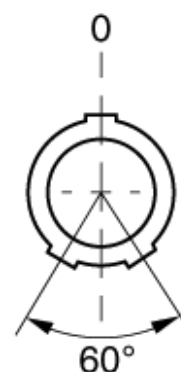
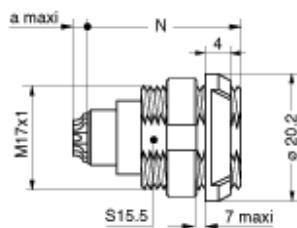
Environment

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

	N	a
mm.	23.8	3.4-4.9
in.	0.94	

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106220	PVC	Black	
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160240	PVC	Black	
160260	PVC	Black	
260250	PVC	Grey	
360500	PVC	Grey	
360750	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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