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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	1P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m0-4sl-mz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	4.5 mOhm
Insert configuration value	1P.M04 - 4 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage contact-contact	1.7 (kV DC)
Contact retention	24 N
Max. Conductor	0.25 mm ² (AWG 24)
Min. Conductor	0.5 mm ² (AWG 20)
Air clearance	1.2 mm
Creepage distance	1.2 mm
Bucket Dia.	1.1
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	PK - Fixed receptacle without hexagonal nut
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	A: 2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts)
Variant	without front nut
Weight	5.89 g

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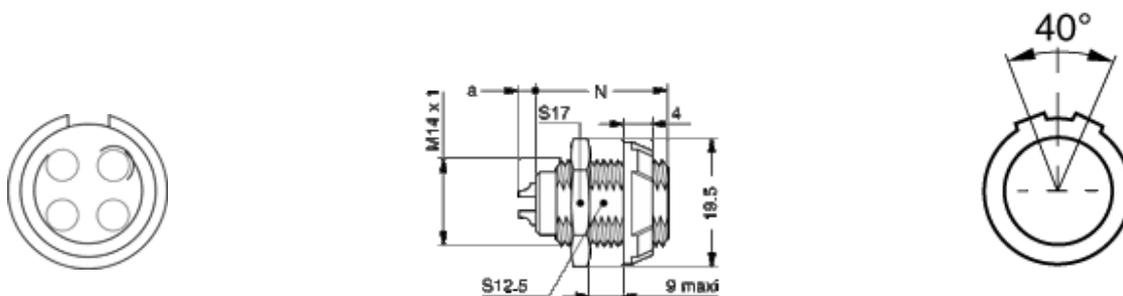
Environment

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 / +170°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Complies 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.

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 12.60 mm
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Drawings



Dimensions

	A	a	N
mm.	19.5	0-4.5	20.5-22.2
in.	0.77		

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Recommended By Lemo

Accessories

Replacement contact [EGG.0B.664.ZZM](#)

Compatible cap [PBG.200.BMV](#)

Tools

Spanner [POB.186.GN](#)

Positionner [DCE.91.090.BVM](#)

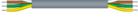
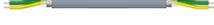
Extraction tool [DCC.09.05B.LAG](#)

Crimp tool [DPC.91.701.V](#)

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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