

Special*Image for illustrative purpose only*

Summary

[Request a quote](#)[P series catalog](#)[Industry Brochure Medical](#)[Customer Drawing](#)

Number of contacts Low Voltage	7
Wire Size/AWG	32 - 24
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
Suggested matching part	PAC.M0.7NL.AC52NZ
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plc-m0-7nl-ln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	6.5 mOhm
Insert configuration value	1P.M07 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	1.48 (kV DC)
Max. Solid Conductor	0.25 mm ² (AWG 24)
Max. Stranded Conductor	0.14 mm ² (AWG 26)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.6 mm (0.024 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	32 - 24
Gender	Standard

Form & Material

Shell style / Model id	PL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	C: 2 keys (alpha=80, Plug: male contacts, Receptacle: female contacts)
Colour	Black
Variant	Black front nut
Weight	4.82 g

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plc-m0-7nl-in.html

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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)	150 N
F ret (min)	50 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.

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 12.60 mm
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Recommended By Lemo

Caps

Compatible cap	PBG.200.BMV
Cap 2	PBG.201.BMV

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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