



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	5
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 - 12.60 mm
Size	1P
Suggested matching part	<a href="#">PAG.M0.5BL.AC52B</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pkg-m0-5bl-lz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m0-5bl-lz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max)	4.5 mOhm
Insert configuration value	1P.M05 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage contact-contact	1.48 (kV DC)
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Air clearance	0.8 mm
Creepage distance	0.8 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	PK - Fixed receptacle without front nut
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), white
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	without front nut
Weight	3.38 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)	150 N
F ret (min)	50 N

## Cable fixation

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









## Accessories

Compatible cap	<a href="#">PBG.200.BMV</a>
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## Tools

Spanner	<a href="#">POB.186.GN</a>
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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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