



## Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	1P
Suggested matching part	<a href="#">PLG.M0.4GL.LG</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-4gl-ac65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-4gl-ac65g.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.5 mOhm
Insert configuration value	1P.M04 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage (kV rms) Contact-contact	1.2
Contact Type	Solder
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Air clearance	1.2 mm
Creepage distance	1.2 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	PA - Straight plug with cable collet
Plug	Straight
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	1 key (alpha=0, Plug: male contact, Receptacle: female contact)
Colour	Gray
Variant	Gray collet nut
Weight	4.75 g

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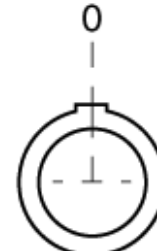
## Environment

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
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) as per our protocols and tests based on the recommendations of ISO 11134 and IEC 60601-1 (3rd Ed.) standards. For further information regarding the tested sterilization methods and cycles on our different materials.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

## Drawings



## Recommended By Lemo




### Accessories

### Tools

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-4gl-ac65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-4gl-ac65g.html)

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# Cables

Cable PartNumber	Material	Colour	Cable image
417920	PVC	Grey	
4220	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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