



## Summary

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Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	1P
Matching parts	<a href="#">PLG.M1.4GL.LG</a>
Series	REDEL P - Push-Pull

## Technical details

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m1-4gl-ac52g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m1-4gl-ac52g.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	1P.M14 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 Amps
Test voltage (kV rms) Contact-contact	0.6
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Air clearance	0.5 mm
Creepage distance	0.5 mm
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.0201in)
Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
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)
Variant	Gray collet nut
Weight	4.79 g

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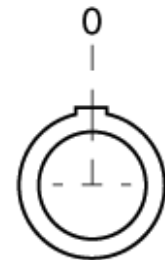
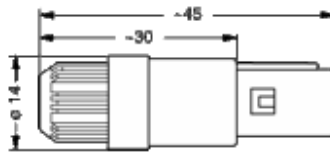
## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	> 100 times (with potting on rear connection)

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.00 - 5.20 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m1-4gl-ac52g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m1-4gl-ac52g.html)

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