



*Image for illustrative purpose only*

## Summary

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[Customer Drawing](#)

Number of contacts Low Voltage	8
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	1P
Suggested matching part	<a href="#">PKG.M0.8NL.MN</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-8nl-cc52n.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-8nl-cc52n.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max)	6.5 mOhm
Insert configuration value	1P.M08 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	1.48 (kV DC)
Contact retention	26 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Contact Dia.	0.7 mm (0.0275in)
Wire Size/AWG	26 - 22
Gender	Standard

## Form & Material

Shell style / Model id	PA - Straight plug with cable collet
Plug	Straight
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Black collet nut
Weight	6.5 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	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

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

# Recommended By Lemo

## Tools

Positionner	<a href="#">DCE.91.075.BVD</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

# CAD

## Documents

Eplan	<a href="#">Download</a>
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