

Standard



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Summary

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Number of contacts High Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pla-n0-4sl-lg.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	4
Contact Termination High voltage	Solder
Insert configuration value	1P.N04 - 4 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage contact-contact	3.5 (kV DC)
Air clearance	1.30 mm
Creepage distance	1.30 mm
Gender	Standard

Form & Material

Shell style / Model id	PL - Fixed receptacle, nut fixing, mains power
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	A: 2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Grey front nut
Weight	5.18 g

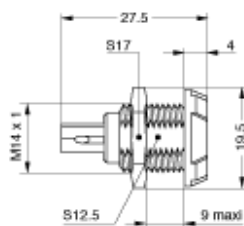
Environment

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 / +170°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.

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Drawings



Dimensions

	A	L
mm.	19.5	27.5
in.	0.77	1.08

Recommended By Lemo

Caps

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

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