



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	13
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Size	SP
Suggested matching part	SLP.M13.NLLN
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sap-m13-nlb-5nz.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	SP.M13 - 13 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Contact Dia.	0.7
Number of contacts Low Voltage	13
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	SA/Z - Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Variant	Black collet nut for bend relief
Weight	7.42 g

Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +170°C
Steam sterilization	> 100 times

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet

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Recommended By Lemo

Tools

Crimp tool

[DPC.91.701.V](#)

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