

Special*Image for illustrative purpose only*

Summary

[Request a quote](#)[REDEL SP series en](#)[Industry Brochure Medical](#)[Customer Drawing](#)

Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Size	SP
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/slp-m06-nlpn.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Crimp
Insert configuration value	SP.M06 - 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8.5 A
Test voltage contact-contact	2.7 (kV DC)
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Air clearance	1.5 mm
Creepage distance	1.5 mm
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	SL_.SP - Fixed socket, key (N) or keys (P, S and T), nut fixing, black front nut
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Black front nut
Weight	5.27 g
Panel Drill Hole	M14

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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	Standard back nut (no additional protection)
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Recommended By Lemo

Caps

Compatible cap	SBZ.200.SN
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Tools

Spanner	SOP.019.HN
Spanner 2	SOB.186.GN
Crimp tool	DPC.91.701.V

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