

[Standard](#)

Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	22
Wire Size/AWG	32 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	SP
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sln-m22-nlma.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	8.5 mOhm
Insert configuration value	SP.M22 - 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.2 A
Test voltage contact-contact	1.9 (kV DC)
Max. Conductor	0.09 mm ² (AWG 28)
Min. Conductor	0.035 mm ² (AWG 32)
Air clearance	0.8 mm
Creepage distance	0.8 mm
Bucket Dia.	0.45 mm (0.018 in)
Contact Dia.	0.5 mm (0.0197 in)
Wire Size/AWG	32 - 28
Gender	Standard

Form & Material

Shell style / Model id	SL_SP - Fixed socket, key (N) or keys (P, S and T), nut fixing, blue front nut
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Black - Blue
Variant	Blue front nut
Weight	5.46 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)
Jacket cable outside diameter [mm]	1.00 - 12.60 mm

Recommended By Lemo

Caps

Compatible cap	SBZ.200.SN
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Tools

Spanner	SOP.019.HN
Spanner 2	SOB.186.GN
Positionner	SOE.050.VM
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.22.T30.054QGZE	TPR (medical)	Grey	

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