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Summary

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Number of contacts Low Voltage	22
Wire Size/AWG	32 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	SP
Suggested matching part	SAN.M22.GLC.7V
Series	REDEL SP - Inner Push-Pull

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

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Technical details

Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	Crimp
R (max)	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 (0.0177in)
Contact Dia.	0.5 mm (0.0196in)
Wire Size/AWG	32 - 28
Gender	Standard

Form & Material

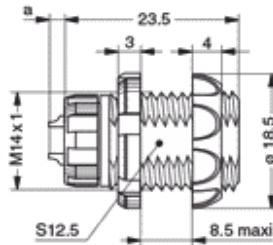
Shell style / Model id	SK_.SP - Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), green front nut
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Proprietary sulfone, grey
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey - Green
Variant	Green front nut
Weight	5.28 g

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

Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	1.00 - 12.60 mm




	a	B	N	e	E_{max}
mm.	2.2	18.5	23.5	M14x1	8.5
in.	0.09	0.73	0.93		0.33

Tools

Spanner	SOP.019.HN
Positionner	SOE.050.VM
Crimp tool	DPC.91.701.V

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Cables

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

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