



Image for illustrative purpose only

## Summary

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Number of contacts Low Voltage	22
Wire Size/AWG	34 - 28
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.50 mm
Size	SP
Suggested matching part	<a href="#">SRS.M22.GLA.7GZ</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/sas-m22-gll-7gz.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sas-m22-gll-7gz.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	SP.M22 - 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Test voltage (kV rms) Contact-contact	0.60
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Air clearance	0.48 mm
Creepage distance	0.48 mm
Bucket Dia.	0.45 mm (0.0177in)
Contact Dia.	0.5 mm (0.0196in)
Number of contacts Low Voltage	22
Wire Size/AWG	34 - 28

## 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, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Variant	Gray collet nut for bend relief
Weight	7.74 g

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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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.50 mm

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