

[Standard](#)

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	SP
Suggested matching part	<a href="#">SLN.M08.GLLG</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/san-m08-glc-5gz.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m08-glc-5gz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max)	4.5 mOhm
Insert configuration value	SP.M08 - 8 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	2.1 (kV DC)
Max. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Min. Conductor	0.25 mm <sup>2</sup> (AWG 24)
Air clearance	1.1 mm
Creepage distance	1.1 mm
Bucket Dia.	1.1 mm (0.04in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	24 - 20
Gender	Standard

## 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, grey
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Grey collet nut for bend relief

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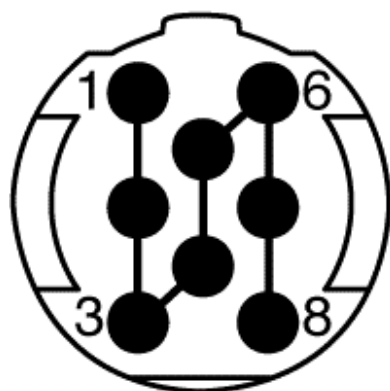
## Environment

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]	4.00 - 5.20 mm

## Drawings



## Dimensions

	A	L
mm.	15.5	48
in.	0.61	1.89

## Recommended By Lemo

### Accessories

Replacement contact	<a href="#">SAN.535.ZZC</a>
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### Tools

Positionner	<a href="#">SOE.090.VC</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	

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