

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Application leaflet Medical IEC 60601 1](#)

[Customer Drawing](#)

Number of contacts Low Voltage	22
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	SP
Suggested matching part	<a href="#">SAN.M22.GLA.6G</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/srn-m22-gll-6g.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/srn-m22-gll-6g.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	SP.M22 - 22 Low V.
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Test voltage contact-contact	0.9 (kV DC)
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)
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	SR - Free socket, key (N) or keys (P, S and T), with grey cable collet
Socket / Receptacle	Free
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
Weight	8.74 g

[https://www.lemo.com/int\\_en/solutions/redele/redele-sp-inner-push-pull/srn-m22-gll-6g.html](https://www.lemo.com/int_en/solutions/redele/redele-sp-inner-push-pull/srn-m22-gll-6g.html)

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## Environment

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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 fixation

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Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

## CAD

### Documents

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Eplan [Download](#)

## Cables

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

[https://www.lemo.com/int\\_en/solutions/redele/redele-sp-inner-push-pull/srn-m22-gll-6g.html](https://www.lemo.com/int_en/solutions/redele/redele-sp-inner-push-pull/srn-m22-gll-6g.html)

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