

Standard



*Image for illustrative purpose only*

## Summary

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[Customer Drawing](#)

Number of contacts Low Voltage	13
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	SP
Suggested matching part	<a href="#">SFN.M13.GLA.29GZ</a>

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/snn-m13-gllg.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/snn-m13-gllg.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	13
Contact Termination Low voltage	Solder
R (max)	6.5 mOhm
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Test voltage contact-contact	1.5 (kV DC)
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Air clearance	0.5 mm
Creepage distance	0.5 mm
Bucket Dia.	0.8 mm (0.032in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	SNN - Socket, nut fixing, key N, watertight when mated
Socket / Receptacle	Fixed Panel Front 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
Variant	Grey front nut

## Environment

Technical domain	Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP68
Endurance	>5000 mating cycles
Temperature range	-50°C / +170°C
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

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## Cable fixation

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

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">SBZ.200.SNS</a>
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