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## Summary

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Number of contacts Low Voltage	8
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="#">SAN.M08.GLA.6G</a>
Series	REDEL SP - Inner Push-Pull

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

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
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. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Air clearance	0.75 mm
Creepage distance	0.75 mm
Bucket Dia.	0.8 mm (0.032in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	SL_SP - Fixed socket, key (N) or keys (P, S and T), nut fixing, grey front nut
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
Weight	4.48 g

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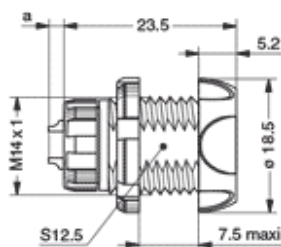
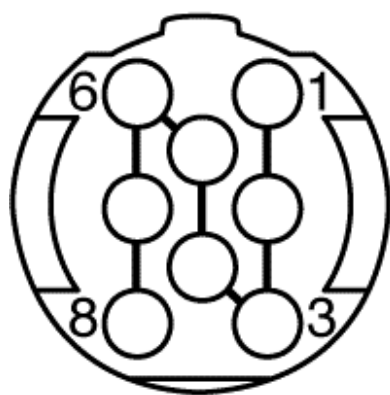
## Environment

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

## Drawings
















## Dimensions

	<b>a</b>	<b>B</b>	<b>N</b>	<b>e</b>
mm.	2.2	18.5	23.5	M14x1
in.	0.09	0.73	0.93	

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

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