



Image for illustrative purpose only

## Summary

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Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
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.M08.GLA.6A</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/srn-m08-gll-6a.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/srn-m08-gll-6a.html)

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# Technical details

## Electrical Configuration

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)
Contact Type	Solder
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)
Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22

## Form & Material

Shell style / Model id	SR - Free socket, key (N) or keys (P, S and T), with blue cable collet
Socket / Receptacle	Free
Housing material	Proprietary sulfone, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Blue collet nut

## Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +170°C
Steam sterilization	> 100 times

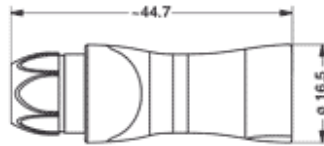
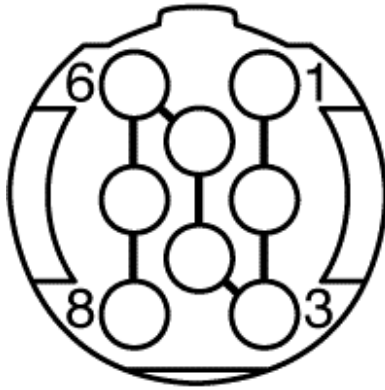
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## Cable fixation

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

## Drawings










## Dimensions

	A	L
mm.	16.5	44.7
in.	0.65	1.76

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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