



Image for illustrative purpose only

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	SP
Suggested matching part	<a href="#">SKN.M06.GLLG</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/san-m06-gla-6g.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m06-gla-6g.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	SP.M06 - 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8.5 A
Test voltage (kV rms) Contact-contact	1.50
Contact Type	Solder
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.36 mm <sup>2</sup> (AWG 22)
Air clearance	1.2 mm
Creepage distance	1.2 mm
Bucket Dia.	1.1 mm (0.04in)
Contact Dia.	1.3 mm (0.0512in)
Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22

## Form & Material

Shell style / Model id	SA - Straight plug, key (N) or keys (P, S and T), with grey cable collet
Plug	Straight
Housing material	Proprietary sulfone, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Gray collet nut
Weight	6.66 g

## 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)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

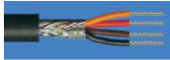


# Recommended By Lemo

## Accessories

### Tools

Crimp tool	<a href="#">DPC.91.701.V</a>
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# Cables

Cable PartNumber	Material	Colour	Cable image
106220	PVC	Black	
12080	PVC	Grey	
160240	PVC	Black	
260250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/san-m06-gla-6g.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m06-gla-6g.html)

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