



Summary

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Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.50 mm
Size	SP
Matching parts	SRN.M08.GLL.7G
Series	REDEL SP - Inner Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m08-gla-7g.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	SP.M08 - 8 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 Amps
Test voltage (kV rms) Contact-contact	1.50
Contact Type	Solder
Max. Solid Conductor	0.36 mm ² (AWG 23)
Max. Stranded Conductor	0.36 mm ² (AWG 22)
Air clearance	0.78 mm
Creepage distance	0.78 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	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	46.91 g

Environment

Technical domain	Medical
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +170°C

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.50 mm


Recommended By Lemo

Accessories

Tools

Crimp tool	DPC.91.701.V
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Cables

Cable PartNumber	Material	Colour	Cable image
108220	PVC	Black	

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