

Standard



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Summary

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[REDEL SP series en](#)

[Industry Brochure Medical](#)

[Customer Drawing](#)

Number of contacts Low Voltage	8
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	SP
Suggested matching part	SLN.M08.BLLB
Series	REDEL SP - Inner Push-Pull

Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	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. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Air clearance	1.1 mm
Creepage distance	1.1 mm
Bucket Dia.	1.1 mm (0.043 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	SA - Straight plug, key (N) or keys (P, S and T), with white cable collet
Plug	Straight
Housing material	Proprietary sulfone, white
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	White
Variant	White collet nut
Weight	11.53 g

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)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.00 - 5.20 mm

Recommended By Lemo

Contacts

Replacement contact	SAN.535.ZZC
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Tools

Positionner	SOE.090.VC
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	