



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	SP
Suggested matching part	SAN.M06.GLA.5G
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/srn-m06-gll-5g.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 ² (AWG 18)
Min. Conductor	0.36 mm ² (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	SR - Free socket, key (N) or keys (P, S and T), with grey 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	Gray collet nut
Weight	6.97 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)
Jacket cable outside diameter [mm]	4.00 - 5.20 mm








Recommended By Lemo

Accessories

Tools

Crimp tool	DPC.91.701.V
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	

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