



Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	26 - 18
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.50 - 3.90 mm
Size	SP
Series	REDEL SP - Inner Push-Pull

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	SP.M04 - 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	11.5 A
Test voltage (kV rms) Contact-contact	1.60
Contact Type	Solder
Max. Conductor	1 mm ² (AWG 18)
Min. Conductor	0.36 mm ² (AWG 22)
Air clearance	0.95 mm
Creepage distance	0.95 mm
Bucket Dia.	1.1 mm (0.04in)
Contact Dia.	1.3 mm (0.0512in)
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Form & Material

Shell style / Model id	SR - Free socket, key (N) or keys (P, S and T), with black cable collet
Socket / Receptacle	Free
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Variant	Black collet nut
Weight	7.16 g

Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>2000 mating cycles
Temperature range	-50°C / +170°C

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/srp-m04-nll-3n.html

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Cable fixation









Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	2.50 - 3.90 mm

Recommended By Lemo

Accessories

Tools

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40240	PTFE	White	
4041	PVC	Grey	
4050	PVC	Black	
4260	PTFE	White	

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