

Standard



Image for illustrative purpose only

Summary

[Request a quote](#)

[REDEL SP series en](#)

[Customer Drawing](#)

Number of contacts Low Voltage	13
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	SP
Suggested matching part	SAN.M13.GLA.6G
Series	REDEL SP - Inner Push-Pull

Technical details

Electrical Configuration

Number of contacts Low Voltage	13
Contact Termination Low voltage	Solder
R (max)	6.5 mOhm
Insert configuration value	SP.M13 - 13 Low V.
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Test voltage contact-contact	1.5 (kV DC)
Max. Solid Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Air clearance	0.5 mm
Creepage distance	0.5 mm
Bucket Dia.	0.8 mm (0.032in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

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, grey
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Grey collet nut
Weight	7.28 g

https://www.lemo.com/int_en/solutions/redele/redele-sp-inner-push-pull/srn-m13-gll-6g.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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)
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

CAD

Documents

Eplan

[Download](#)

https://www.lemo.com/int_en/solutions/redele/redele-sp-inner-push-pull/srn-m13-gll-6g.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.