



Summary

[Request a quote](#)

[Catalog](#)

Low Voltage	13
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	SP
Matching parts	SKP.M13.GLLB
Series	REDEL SP - Inner Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sap-m13-gla-6b.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.

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	SP.M13 - 13 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 Amps
Test voltage (kV rms) Contact-contact	1.05
Contact Type	Solder
Max. Solid Conductor	0.36 mm ² (AWG 22)
Max. Stranded Conductor	0.36 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)
Low Voltage	13
Wire Size/AWG	30 - 22

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, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts)
Variant	White collet nut
Weight	6.68 g

Environment

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

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sap-m13-gla-6b.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.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/sap-m13-gla-6b.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.