

**Special**

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[Catalog](#)[Customer Drawing](#)

Number of contacts Low Voltage	13
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.50 mm
Size	SP
Suggested matching part	<a href="#">SRS.M13.GLA.7GZ</a>
Series	REDEL SP - Inner Push-Pull

[https://www.lemo.com/int\\_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/](https://www.lemo.com/int_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/)

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.

# 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.
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 <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (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	Reverse Gender

## Form & Material

Shell style / Model id	SA/Z - Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Proprietary sulfone, grey
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Grey collet nut for bend relief

[https://www.lemo.com/int\\_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/](https://www.lemo.com/int_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/)

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.50 mm

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.13.T22.072QGZE	TPR (medical)	Grey	

[https://www.lemo.com/int\\_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/](https://www.lemo.com/int_en/catalog/product/view/id/535407/s/sas-m13-gll-7gz/category/50/)

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.