

[Standard](#)

Image for illustrative purpose only

Summary

[Request a quote](#)[REDEL SP series en](#)[Industry Brochure Medical](#)

Number of contacts Low Voltage	16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Size	SP
Suggested matching part	SAN.M16.GLA.6G
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skn-m16-glmg.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.

Technical details

Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	PCB - Straight
R (max) - electrical contact resistance	8.5 mOhm
Insert configuration value	SP.M16 - 16 Low V.
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	C (High Design Producibility - Reduced)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Contact Dia.	0.5 mm (0.0197 in)
Gender	Standard

Form & Material

Shell style / Model id	SK_SP - Fixed socket, key (N) or keys (P, S and T) with two nuts (back panel mounting), grey front nut and with straight print contacts
Socket / Receptacle	Fixed Panel Rear Mounted
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 front nut
Weight	4.43 g
Panel Drill Hole	M14

Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +170°C
Steam sterilization	> 100 times

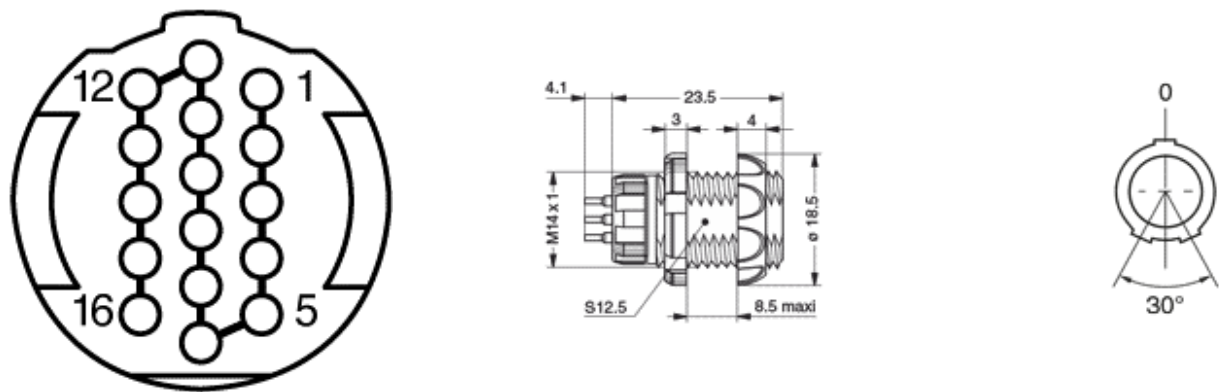
https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skn-m16-glng.html

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)
------------------------------	--

Drawings



Dimensions

	a	B	N	e	E _{max}
mm.	4.1	18.5	23.5	M14x1	8.5
in.	0.16	0.73	0.93		0.33

Recommended By Lemo

Caps

Compatible cap	SBZ.200.SN
----------------	----------------------------