

[Standard](#)

Image for illustrative purpose only

Summary

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

Number of contacts Low Voltage	6
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Size	SP
Suggested matching part	SAN.M06.NLA.3N
Series	REDEL SP - Inner Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skn-m06-nlnn.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	PCB - Straight
R (max) - electrical contact resistance	8.5 mOhm
Insert configuration value	SP.M06 - 6 Low V.
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8.5 A
Creepage distance	1.2 mm
Contact Dia.	0.9 mm (0.035 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), black front nut and straight print contacts
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Proprietary sulfone, black
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Black front nut
Weight	3.96 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-m06-nl1nn.html

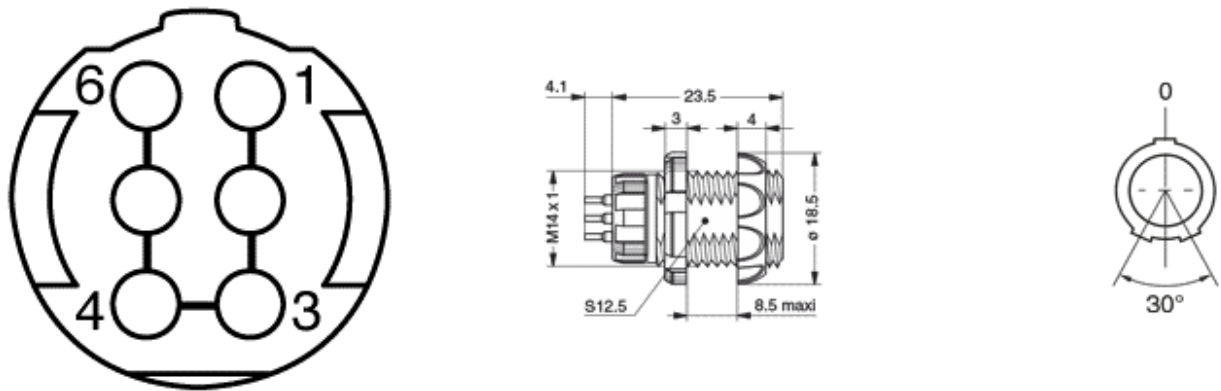
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Cable fixation

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