

Summary

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Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	SP
Matching parts	SAN.M10.GLA.5A
Series	REDEL SP - Inner Push-Pull

Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Elbow
Insert configuration value	SP.M10 - 10 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4.2 Amps
Contact Dia.	0.7
Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skn-m10-glva.html

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Form & Material

Shell style / Model id	SK_SP - Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), blue front nut and elbow print contacts
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Proprietary sulfone, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Blue front nut
Weight	6.61 g

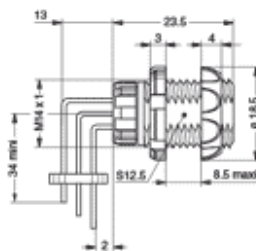
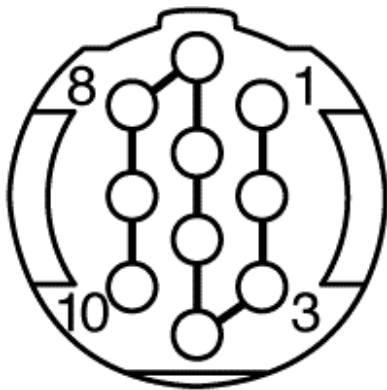
Environment

Technical domain	Medical
Environmental sealing (IP rating)	IP50
Endurance	>2000 mating cycles
Temperature range	-50°C / +170°C

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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Drawings



Dimensions

	A	N	e	E _{max}	L
mm.	18.5	23.5	M14x1	8.5	36.5
in.	0.73	0.93		0.33	1.44

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