



Summary

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Low Voltage	22
Wire Size/AWG	36 - 28
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Matching parts	SAT.M22.GLL.6GZ
Series	REDEL SP - Inner Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/srt-m22-gla-6gz.html

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Electrical Configuration

Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	SP.M22 - 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 Amps
Test voltage (kV rms) Contact-contact	0.60
Contact Type	Solder
Max. Solid Conductor	0.12 mm ² (AWG 28)
Max. Stranded Conductor	0.12 mm ² (AWG 28)
Air clearance	0.48 mm
Creepage distance	0.48 mm
Bucket Dia.	0.45 mm (0.0177in)
Contact Dia.	0.5 mm (0.0196in)
Low Voltage	22
Wire Size/AWG	36 - 28

Form & Material

Shell style / Model id	SR/Z - Free socket, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
Housing material	Proprietary sulfone, gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=90, plug: female contacts, receptacle: male contacts)
Variant	Gray collet nut for bend relief

Environment

Technical domain	Medical
Environmental protection	IP50
Temp (min / max)	-50°C / +170°C

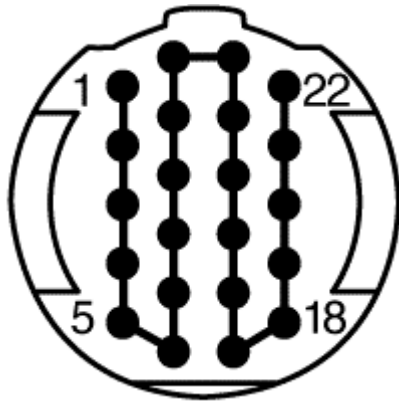
Cable fixation

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

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Drawings



Dimensions

	A	L
mm.	16.5	46.7
in.	0.65	1.84

Recommended By Lemo

Accessories

Tools

Crimp tool [DPC.91.701.V](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.22.T30.054QGZE	TPR (medical)	Grey	

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