



Summary

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Number of contacts Low Voltage	14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1P
Matching parts	PAA.M1.4SL.AC52GZ
Series	REDEL P - Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m1-4sl-vg.html

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Electrical Configuration

Contact Termination Low voltage	PCB - Elbow
R (max)	8.5 mOhm
Insert configuration value	1P.M14 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 Amps
Test voltage (kV rms) Contact-contact	0.6
Contact Type	Print (elbow)
Air clearance	0.5 mm
Creepage distance	0.5 mm
Contact Dia.	0.5 mm (0.0201in)
Number of contacts Low Voltage	14
Gender	Standard

Form & Material

Shell style / Model id	PK - Fixed receptacle with two nuts (back panel mounting), 90° print contacts
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PEI (Polyetherimide), gray
Locking system	Push-pull
Keying	2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts)
Variant	Gray front nut
Weight	7.17 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +170°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	> 100 times (with potting on rear connection)

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Cable fixation

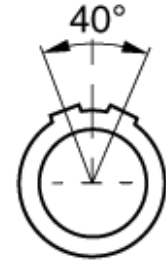
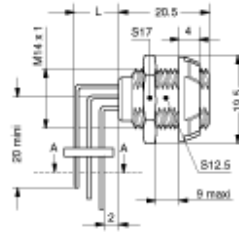
Cable termination protection

Standard back nut (no additional protection)

Fixation type

Cable collet

Drawings



Dimensions

	A	L	N
mm.	19.5	5.2-12.9	20.5
in.	0.77		0.81

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