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Summary

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Number of contacts Low Voltage	12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1P
Suggested matching part	PAC.M1.2NL.AC39G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkc-m1-2nl-vg.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	PCB - Elbow
R (max)	8.5 mOhm
Insert configuration value	1P.M12 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 A
Test voltage contact-contact	0.75 (kV DC)
Air clearance	0.5 mm
Creepage distance	0.5 mm
Contact Dia.	0.5 mm (0.0201in)
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	PSU (Polysulfone), black
Locking system	Push-pull
Keying	C: 2 keys (alpha=80, Plug: male contacts, Receptacle: female contacts)
Colour	Black - Grey
Variant	grey front nut

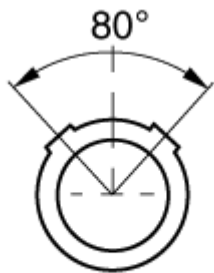
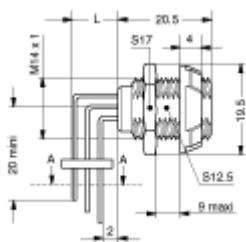
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

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Drawings



Dimensions

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

Recommended By Lemo

Accessories

Compatible cap	PBG.200.BMV
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Tools

Spanner	POB.186.GN
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