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Summary

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Number of contacts Low Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1P
Suggested matching part	PAB.M0.4GL.AC39A
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plb-m0-4gl-na.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	PCB - Straight
R (max)	4.5 mOhm
Insert configuration value	1P.M04 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage contact-contact	1.7 (kV DC)
Air clearance	1.2 mm
Creepage distance	1.2 mm
Contact Dia.	0.9 mm (0.0354in)
Gender	Standard

Form & Material

Shell style / Model id	PL - Fixed receptacle print contact
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Blue
Variant	Blue front nut
Weight	4.84 g

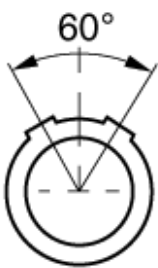
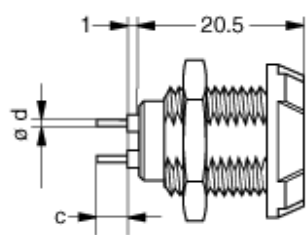
Environment

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	25	20.5
in.	0.77	0.98	0.81

Recommended By Lemo

Accessories

Compatible cap [PBG.200.BMV](#)