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Summary

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Number of contacts Low Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Suggested matching part	PAG.M0.4GL.AC39G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ppg-m0-4gg-n.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	G: PSU gray
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	PP - Elbow receptacle key (G) or keys (A,B,C) for printed circuit
Socket / Receptacle	Elbow
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	5.87 g

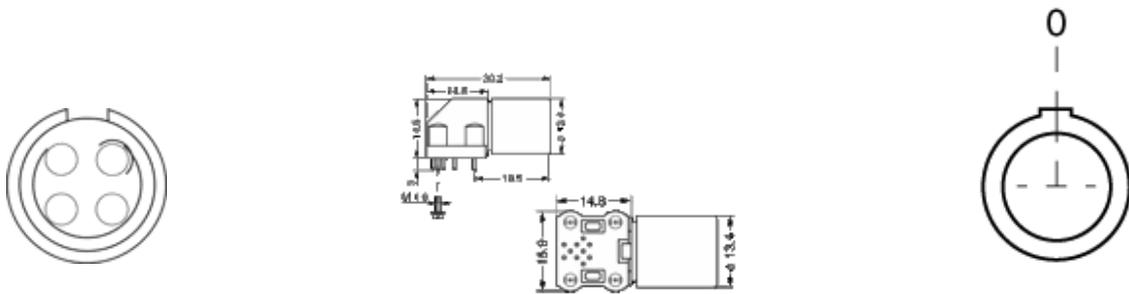
Environment

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	B	L	M	H
mm.	13.4	15.9	30.2	14.8	17.5
in.	0.53	0.63	1.19	0.58	0.69

Recommended By Lemo

Accessories

Compatible cap

[PBG.200.BMV](#)

CAD

Documents

PCB [Download](#)

PCB Eagle [Download](#)

Kicad [Download](#)

PCB Altium [Download](#)

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