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## Summary

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Number of contacts Low Voltage	7
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Suggested matching part	<a href="#">PAG.M0.7GL.AC39G</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pxg-m0-7gg-nj.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pxg-m0-7gg-nj.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	PCB - Straight
R (max)	6.5 mOhm
Insert configuration value	1P.M07 - 7 Low Voltage
Insulator	G: PSU gray
Rated current	5 A
Test voltage contact-contact	1.48 (kV DC)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Contact Dia.	0.7 mm (0.0275in)
Gender	Standard

## Form & Material

Shell style / Model id	PX - Elbow receptacle key (G) or keys (A,B,C) with two nuts 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 - Yellow
Variant	Yellow front nut
Weight	8.39 g

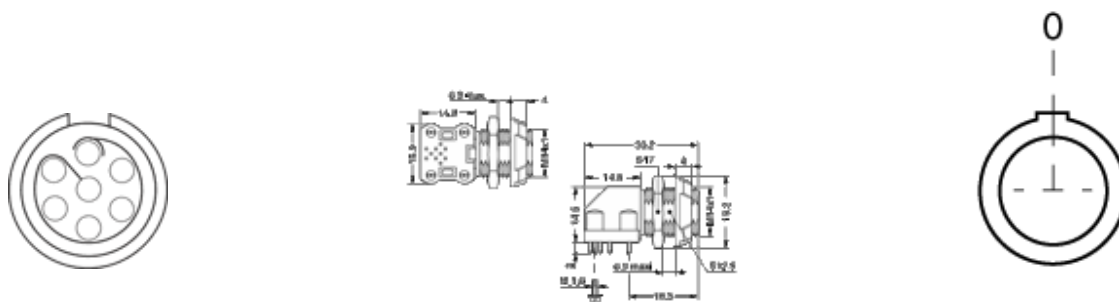
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## Environment

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.

## Drawings



## Dimensions

	L	A	e	E	S1	S2
mm.	30.2	19.2	M14x1	6.9 max	S12.5	S17
in.	1.19	0.76				

## Recommended By Lemo

### Accessories

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

### Tools

Spanner [POB.186.GN](#)

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