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Summary

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Number of contacts Low Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pxb-m0-8gg-nj.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	6.5 mOhm
Insert configuration value	1P.M08 - 8 Low Voltage
Insulator	G: PSU gray
Rated current	5 A
Test voltage (kV rms) Contact-contact	1.05
Contact Type	Print (straight)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Contact Dia.	0.7 mm (0.0275in)
Number of contacts Low Voltage	8
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), gray
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Yellow
Variant	Yellow front nut
Weight	8.5 g

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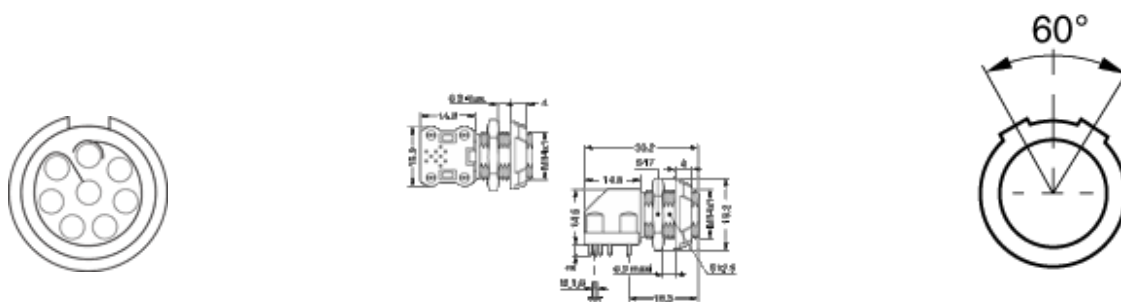
Environment

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.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

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				

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Recommended By Lemo

Accessories

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

Tools

Spanner [POB.186.GN](#)

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