

Summary

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Number of contacts Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.5 mOhm
Insert configuration value	1P.M05 - 5 Low Voltage
Insulator	G: PSU gray
Rated current	7 Amps
Test voltage (kV rms) Contact-contact	1.05
Contact Type	Print (straight)
Air clearance	0.8 mm
Creepage distance	0.8 mm
Contact Dia.	0.9 mm (0.0354in)
Number of contacts Low Voltage	5
Gender	Standard

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pxb-m0-5gg-nr.html

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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	2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Variant	Red front nut
Weight	3.49 g

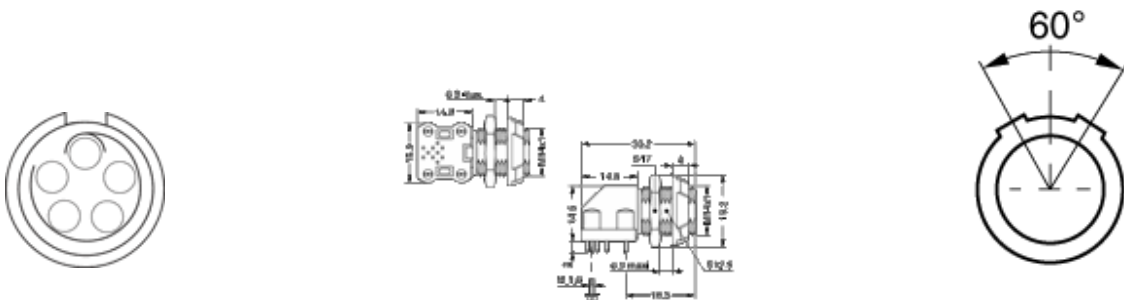
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	> 100 times (with potting on rear connection)

Cable fixation

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

Drawings



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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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