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Summary

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Number of contacts Low Voltage	10
Gender	Standard
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	PCB - Straight
R (max)	8.5 mOhm
Insert configuration value	1P.M10 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Test voltage contact-contact	1.2 (kV DC)
Air clearance	0.55 mm
Creepage distance	0.55 mm
Contact Dia.	0.5 mm (0.0201in)
Gender	Standard

Form & Material

Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Grey front nut

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 / +170°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

https://www.lemo.com/int_en/solutions/redele/redele-p-push-pull/pkb-m1-0sl-ng.html

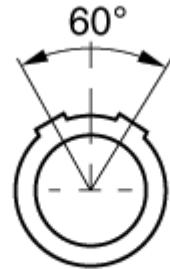
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Cable fixation

Cable termination protection

Standard back nut (no additional protection)

Drawings



Recommended By Lemo

Accessories

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

Tools

Spanner [POB.186.GN](#)