

Standard

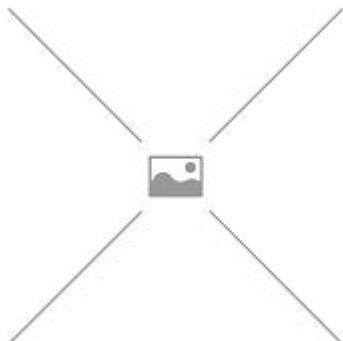


Image for illustrative purpose only

Summary

[Request a quote](#)

[P series catalog](#)

[Industry Brochure Medical](#)

Number of contacts Low Voltage	8
Wire Size/AWG	26 - 22
Gender	Standard
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	1P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m0-8sl-mg.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max)	6.5 mOhm
Insert configuration value	1P.M08 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	1.48 (kV DC)
Contact retention	26 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Contact Dia.	0.7 mm (0.0275in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	A: 2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Grey front nut
Weight	6.2 g

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m0-8sl-mg.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

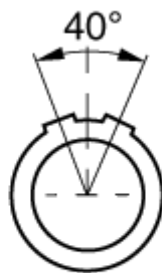
Environment

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.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	1.00 - 12.60 mm

Drawings



Recommended By Lemo

Contacts

Replacement contact	EGG.0B.657.ZZM
---------------------	--------------------------------

Caps

Compatible cap	PBG.200.BMV
----------------	-----------------------------

Cap 2	PBG.201.BMV
-------	-----------------------------

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m0-8sl-mg.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Tools

Spanner	POB.186.GN
Spanner 2	POP.125.GN
Positionner	DCE.91.070.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m0-8sl-mg.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.