

Special



Image for illustrative purpose only

Summary

[Request a quote](#)

[P series catalog](#)

[Industry Brochure Medical](#)

[Customer Drawing](#)

Number of contacts Low Voltage	10
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	1P
Suggested matching part	PAC.M1.0GL.AC39J
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plc-m1-0gl-lj.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	10
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	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)
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.09 mm ² (AWG 28)
Air clearance	0.55 mm
Creepage distance	0.55 mm
Bucket Dia.	0.45 mm (0.018 in)
Contact Dia.	0.5 mm (0.0197 in)
Wire Size/AWG	34 - 28
Gender	Standard

Form & Material

Shell style / Model id	PL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	C: 2 keys (alpha=80, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Yellow
Variant	Yellow front nut
Weight	5.3 g

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plc-m1-0gl-lj.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 / +150°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

Jacket cable outside diameter [mm]	1.00 - 12.60 mm
------------------------------------	-----------------

Recommended By Lemo

Caps

Compatible cap	PBG.200.BMV
Cap 2	PBG.201.BMV

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110280	PVC	Black	

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plc-m1-0gl-lj.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.