



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	1P
Suggested matching part	<a href="#">PLG.M0.2GL.MG</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.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

Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	1P.M02 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Test voltage contact-contact	1.7 (kV DC)
Contact retention	20 N
Contact Type	Crimp
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Air clearance	1.3 mm
Creepage distance	1.3 mm
Bucket Dia.	1.4
Contact Dia.	1.3 mm (0.0512in)
Number of contacts Low Voltage	2
Wire Size/AWG	20 - 18
Gender	Standard

## Form & Material

Shell style / Model id	PA - Straight plug with cable collet
Plug	Straight
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Gray collet nut
Weight	5.45 g

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.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	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
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

# Recommended By Lemo





## Tools

Positionner	<a href="#">DCE.91.135.BVD</a>
Extraction tool	<a href="#">DCF.133.5LT</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.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.

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T18.064UNCU			
102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pag-m0-2gl-cc65g.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.