



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	32 - 24
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	1P
Suggested matching part	<a href="#">PAG.M0.6NL.AC65N</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-lc65n.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-lc65n.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.5 mOhm
Insert configuration value	1P.M06 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage (kV rms) Contact-contact	1.05
Contact Type	Solder
Max. Solid Conductor	0.25 mm <sup>2</sup> (AWG 24)
Max. Stranded Conductor	0.14 mm <sup>2</sup> (AWG 26)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.0275in)
Number of contacts Low Voltage	6
Wire Size/AWG	32 - 24
Gender	Standard

## Form & Material

Shell style / Model id	PT - Fixed receptacle with two nuts and cable collet (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	1 key (alpha=0, Plug: male contact, Receptacle: female contact)
Colour	Black
Variant	Black collet nut
Weight	6.1 g

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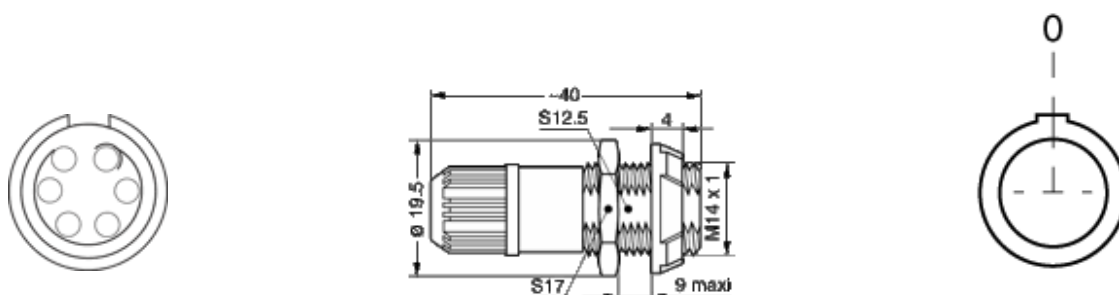
## Environment

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

## Drawings



## Dimensions

	A	L	N
mm.	19.5	40	22.2
in.	0.77	1.57	0.87

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# Recommended By Lemo

Accessories	
Compatible cap	<a href="#">PBG.200.BMV</a>
Tools	
Spanner	<a href="#">POB.186.GN</a>

## Cables

Cable PartNumber	Material	Colour	Cable image
12080	PVC	Grey	
260250	PVC	Grey	