



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	26 - 22
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.AC65NZ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-mc65nz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-mc65nz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Crimp
R (max)	6.5 mOhm
Insert configuration value	1P.M06 - 6 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage contact-contact	1.48 (kV DC)
Contact retention	26 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Contact Dia.	0.7 mm (0.0275in)
Wire Size/AWG	26 - 22
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Black collet nut for bend relief
Weight	6.84 g

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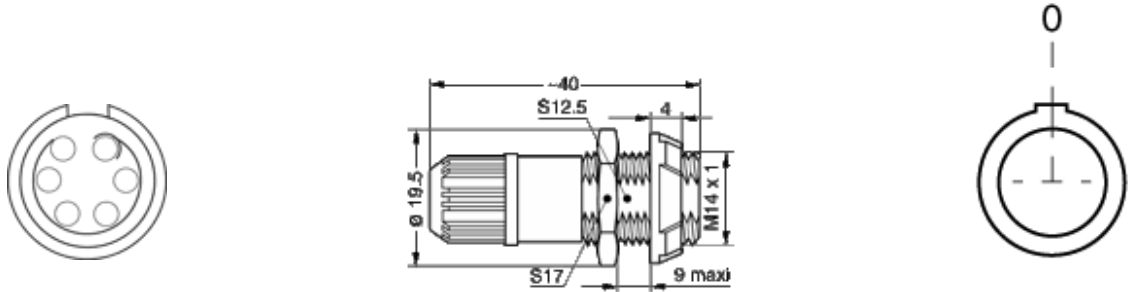
Environment

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	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	For cable bend relief
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

# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">EGG.0B.657.ZZM</a>
Compatible cap	<a href="#">PBG.200.BMV</a>
Tools	
Spanner	<a href="#">POB.186.GN</a>
Positionner	<a href="#">DCE.91.070.BVM</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>