

*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 Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	1P
Series	REDEL P - Push-Pull

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 ² (AWG 22)
Min. Conductor	0.14 mm ² (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	PN - Fixed receptacle, nut fixing, watertight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Blue
Variant	Blue front nut
Weight	7.08 g

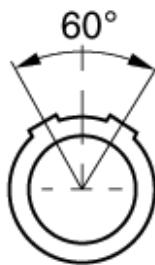
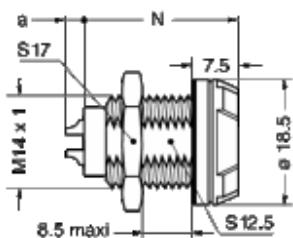
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP64
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

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



Dimensions

	N
mm.	25
in.	0.98

Recommended By Lemo

Accessories

Replacement contact [EGG.0B.657.ZZM](#)

Compatible cap [PBG.200.BMV](#)

Tools

Positionner [DCE.91.070.BVM](#)

Extraction tool [DCC.07.04B.LAG](#)

Crimp tool [DPC.91.701.V](#)

https://www.lemo.com/int_en/solutions/redeI/redeI-p-push-pull/pnb-m0-6sl-ma.html

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