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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]	1.00 - 12.60 mm
Size	1P
Suggested matching part	PAG.M0.6NL.AC39N
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m0-6nl-mn.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
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	PK - Fixed receptacle with two nuts (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 front 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	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

	A	a	N
mm.	19.5	0-4.5	20.5-22.2
in.	0.77		

Recommended By Lemo

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