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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
Size	1P
Suggested matching part	PAG.M0.6NY.YC52N
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m0-6ny-yn.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	1P.M06_Y - 4 (0.5 mm) + 2 (1.3 mm) Low Voltage
Rated current	10 A
Test voltage (kV rms) Contact-contact	1.05
Air clearance	0.85 mm
Creepage distance	0.85 mm
Number of contacts Low Voltage	6
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	4.92 g

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.

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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Fixation type	Cable collet
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Recommended By Lemo

Accessories

Compatible cap	PBG.200.BMV
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Tools

Spanner	POB.186.GN
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