



Summary

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Low Voltage	5
Wire Size/AWG	30 - 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
Matching parts	PAG.M0.5GL.AC39N
Series	REDEL P - Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/plg-m0-5gl-ln.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.5 mOhm
Insert configuration value	1P.M05 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Test voltage (kV rms) Contact-contact	1.05
Contact Type	Solder
Max. Solid Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Air clearance	0.8 mm
Creepage distance	0.8 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.0354in)
Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	PL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	1 key (alpha=0, Plug: male contact, Receptacle: female contact)
Variant	Black front nut
Weight	4.92 g

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Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	> 100 times (with potting on rear connection)

Cable fixation









Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	1.00 - 12.60 mm

Recommended By Lemo

Accessories

Tools

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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