PLG.M0.6GL.LG

Standard



Image for illustrative purpose only

Summary

Request a quote

P series catalog

Industry Brochure Medical

Customer Drawing

Number of contacts Low Voltage	6
Wire Size/AWG	32 - 24
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
Suggested matching part	PAG.M0.6GL.AC39G
Series	REDEL P - Push-Pull

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	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)
Max. Solid Conductor	0.25 mm² (AWG 24)
Max. Stranded Conductor	0.14 mm² (AWG 26)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	0.6 mm (0.024 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	32 - 24
Gender	Standard

Form & Material	
Shell style / Model id	PL - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Grey front nut
Weight	4.75 g

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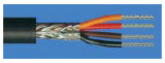
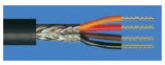
Environment	
Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	> 5000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Compiles with ISO 17665:2024 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

Recommended By Lemo

Caps	
Compatible cap	PBG.200.BMV
Cap 2	PBG.201.BMV
Tools	
Spanner	DCA.91.231.7TN
Spanner 2	POP.125.GN

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160260	PVC	Black	
260250	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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