PTG.M0.6NL.LC52N

Special



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 Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 5.20 mm
Size	1P
Suggested matching part	PAG.M0.6NL.AC52N

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ptg-m0-6nl-lc52n.html
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Series	REDEL P - Push-Pull

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	PT - Fixed receptacle with two nuts and cable collet (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 collet nut
Weight	6.16 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 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for Gamma, X-ray and H2o2 (hydrogen peroxide). For more details on sterilization methods and cycles, please contact us.

Cable fixation	
Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.00 - 5.20 mm

Recommended By Lemo

Caps	
Compatible cap	PBG.200.BMV
Cap 2	PBG.201.BMV

Tools	
Spanner	POB.186.GN
Spanner 2	POP.125.GN

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	

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