

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	4.00 - 5.20 mm
Status	obsolete
Alternative part	PAB.M0.4GL.AC52GZ
Matching parts	PKB.M0.4GL.LZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=60; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray

Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
R (max):	4.5 mOhm
Test voltage (kV rms) Contact-contact:	1.2
Air clearance min.:	1.2 mm
Creepage distance min.:	1.2 mm

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Others

Endurance (Shell): >2000 mating cycles

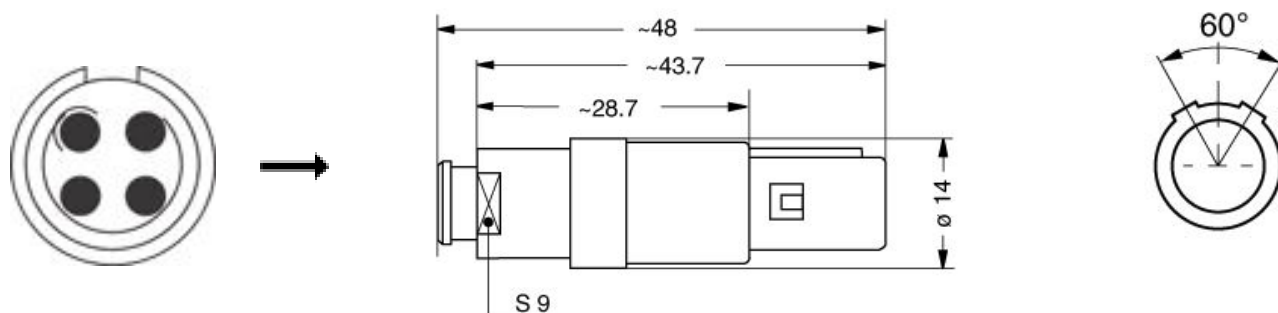
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

CMN.04.T22.047QGC	TPR	Grey	
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CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40140	PVC	Black	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	

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80082	PVC	Red	
80084	PVC	Black	

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[ELF.00.250.NTL](#) [ERA.01.250.DLL](#) [BRR.2S.200.PZVG](#) [HR10A-P](#) [CAH.M34.SLL.C72GZ](#) [CAJ.M34.SLL.C72GZ](#) [300500](#) [ESB.00.303.NLL](#)
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