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PAC.M0.5GL.AC52G

SUMMARY

Wires

Low voltage	**5**

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	active
Matching parts	PLC.M0.5GL.LG

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PA*: Straight plug with cable collet
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut
Weight	5.20 g

Performance

Configuration	1P.M05 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

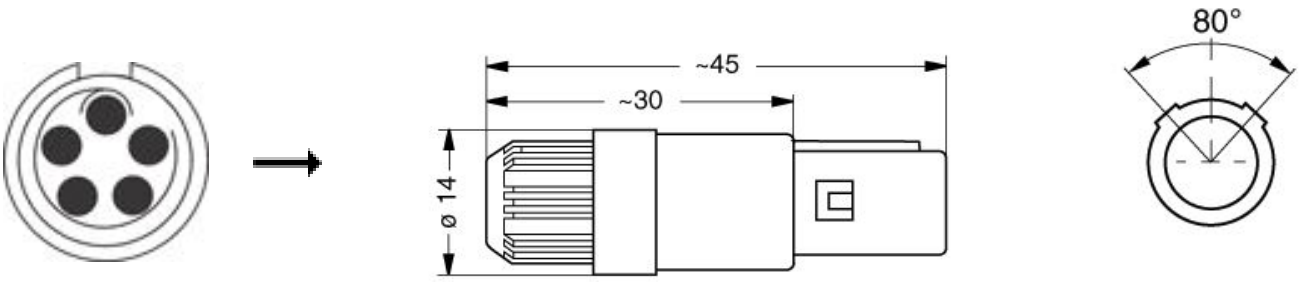
Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm^2 (AWG 22)
Max. Stranded Conductor: 0.34 mm^2 (AWG 22)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

Air clearance min.: 0.8 mm
Creepage distance min.: 0.8 mm

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.05.T22.051QGZE	TPR (medical)	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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