

PRG.MO.5GL.LC52V

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 1P

Termination type Female solder

IP rating 50

AWG wire size 0.00 - 22.00

Cable Ø 4.00 - 5.20 mm

Status active

Matching parts PAG.M0.5GL.AC52V

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model PR*: Free receptacle with cable collet

Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)

Housing Material PSU (Polysulfone), gray

Variant V: Green collet nut

Weight 4.66 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 (0.0354in) 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

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

Others

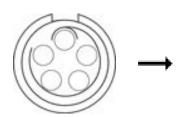
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

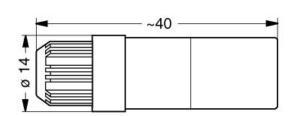
F ret (min): 50 N F ret (max): 150 N

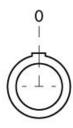
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

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

DRAWINGS







Dimensions

	А	L
mm.	14	40
in.	0,55	1,57

RECOMMENDED BY LEMO

Tools

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Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	> ──€
50090	PVC	Black	
50140	PVC	Grey	

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