

PRG.M1.0GL.LC52V

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 1P

Termination type Female solder

IP rating 50

AWG wire size 34.00 - 28.00

Cable Ø 4.00 - 5.20 mm

Status active

Matching parts PAG.M1.0GL.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 5.06 g

Performance

Configuration 1P.M10: 10 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 3 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.5 mm (0.0201in) Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm² (AWG 28) Max. Stranded Conductor: 0.09 mm² (AWG 28)

R (max): 8.5 mOhm

Test voltage (kV rms) Contact-contact: 0.85

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Air clearance min.: 0.45 mm Creepage distance min.: 0.45 mm

Others

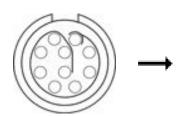
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

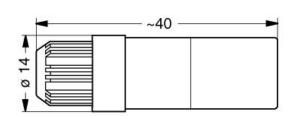
F ret (min): 50 N F ret (max): 150 N

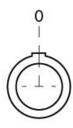
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

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.10.T28.052PGZE	Grey	>
CMN.10.T28.052PNZE		>

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