



SUMMARY

Wires

Low voltage 8

Image is for illustrative purpose only

Series 1P

Termination type Female solder

IP rating 50

AWG wire size 0.00 - 0.00

Cable Ø 2.70 - 3.90 mm

Status active

Matching parts PAA.M0.8GL.AC39V

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model *:

Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)

Housing Material PSU (Polysulfone), gray

Variant V: Green collet nut

Performance

Configuration 1P.M08: 8 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 5 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.7 mm (0.0275in) Bucket Dia.: 0.6 mm (0.024in)

Max. Solid Conductor: 0.14 mm² (AWG 26) Max. Stranded Conductor: 0.14 mm² (AWG 26)

R (max): 6.5 mOhm

Test voltage (kV rms) Contact-contact: 1.05

Air clearance min.: 0.6 mm Creepage distance min.: 0.6 mm

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Others

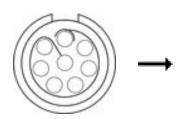
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

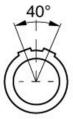
F ret (min): 50 N F ret (max): 150 N

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

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

DRAWINGS





Dimensions

	Α	L	N
mm.	19.5	40	22.2
in.	0,77	1,57	0,87

RECOMMENDED BY LEMO

Tools

Cables

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8050 PVC	Black	
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