

# SUMMARY

#### # Wires

Low voltage

50

8

Image is for illustrative purpose only

Series	1P	D
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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# **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 mm^2 (AWG 26) Max. Stranded Conductor: 0.14 mm^2 (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

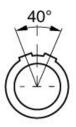
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## Others

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

	А	L	Ν
mm.	19.5	40	22.2
in.	0,77	1,57	0,87

## **RECOMMENDED BY LEMO**

### Tools

## Cables

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