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# **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 0.00 - 0.00 mm

Status Active

Matching parts PAC.M1.0GL.AC39J

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# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model PL\*: Fixed receptacle, nut fixing

**Keying** 2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)

Housing Material PSU (Polysulfone), gray

Variant J: Yellow front nut

Weight 5.30 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 mm^2 (AWG 28) Max. Stranded Conductor: 0.09 mm^2 (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

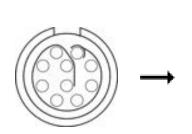
## **Others**

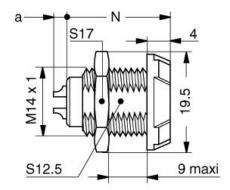
Endurance (Shell): >2000 mating cycles Temp (min / max): -50°C / +150°C

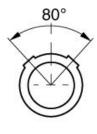
F ret (min): 50 N F ret (max): 150 N

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

# **DRAWINGS**







#### **Dimensions**

	А	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

# **RECOMMENDED BY LEMO**

### **Tools**

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