

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 26.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [PLG.M0.6GL.LV](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material PSU (Polysulfone), gray
Variant V : Green collet nut for bend relief
Weight 4.96 g

Performance

Configuration 1P.M06 : 6 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6 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

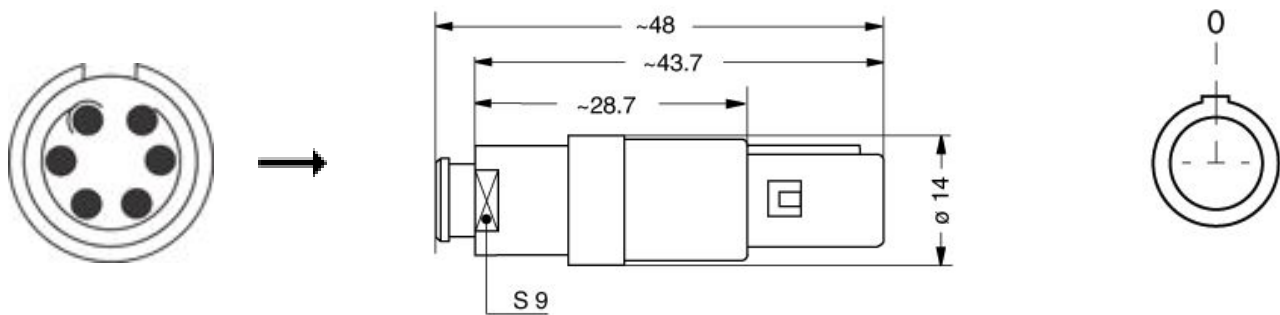
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Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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



RECOMMENDED BY LEMO

Tools

Cables

| | | | |
|--------|-----|------|--|
| 12080 | PVC | Grey | |
| 260250 | PVC | Grey |  |

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