

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 32.00 - 24.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [PLC.M0.6GL.LG](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying 2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material PSU (Polysulfone), gray
Variant G : Gray collet nut for bend relief
Weight 5.00 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

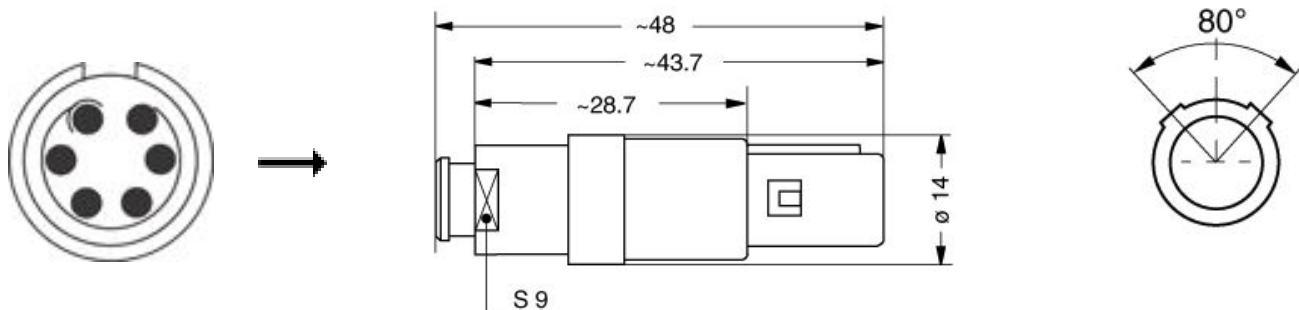
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Air clearance min.: 0.85 mm
 Creepage distance min.: 0.85 mm

Others

Endurance (Shell): >2000 mating cycles
 Temp (min / max): -50°C / +150°C
 F ret (min): 50 N
 F ret (max): 150 N
 Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	

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60260	PTFE	White	
6280	PVC	Black	

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