

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Male crimp
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	PKA.M0.6GL.MG

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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=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut for bend relief
Weight	6.72 g

Performance

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

Specifications

Contact Type: Crimp
Contact Retention: 26 N
Contact Dia.: 0.7 mm (0.0275in)
Min. Conductor: 0.14 mm ² (AWG 26)
Max. Conductor: 0.34 mm ² (AWG 22)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

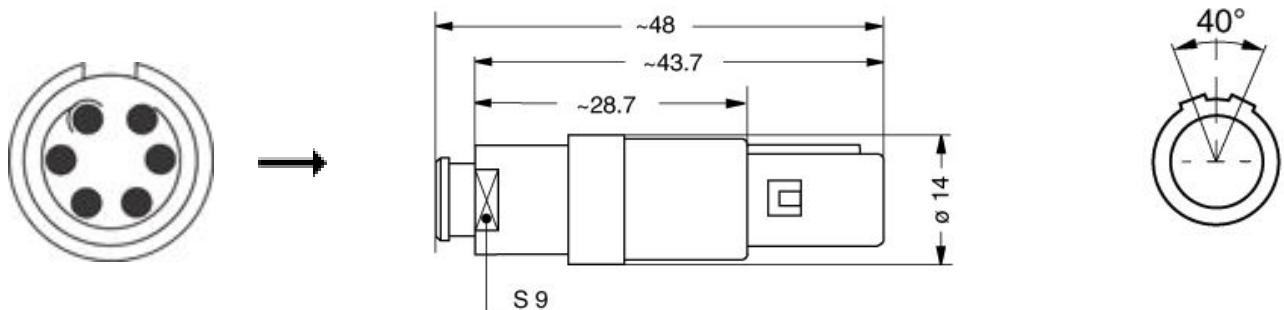
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Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

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

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: [DCE.91.075.BVD](#)
Extractor: [DCF.91.073.5LT](#)
Replacement contact: SINGLE: FGG.5B.555.ZZD KIT OF 6: PAG.557.06C

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