

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 4

Series 1P
Termination type Male crimp
IP rating 50
AWG wire size 0.00 - 24.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [PLG.M0.4NL.MN](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material PSU (Polysulfone), black
Variant N : Black collet nut

Performance

Configuration 1P.M04 : 4 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 24 N
Contact Dia.: 0.9 mm (0.0354in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 0.25 mm² (AWG 24)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2
Air clearance min.: 1.52 mm
Creepage distance min.: 1.52 mm

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Others

Endurance (Shell): >2000 mating cycles

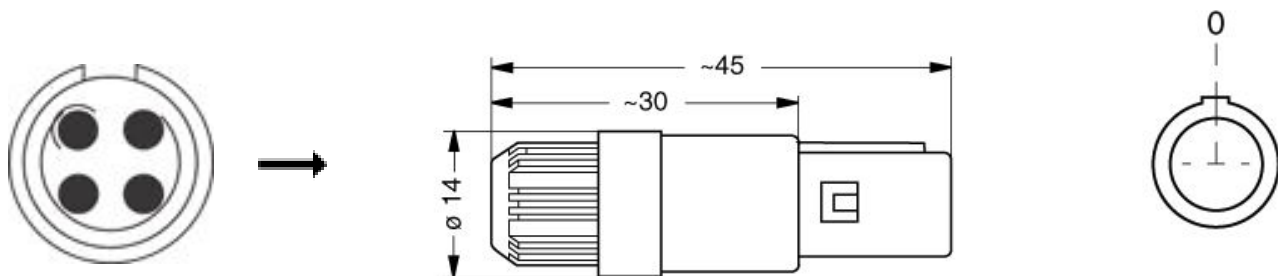
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

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

DRAWINGS



RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.095.BVD](#)

Extractor: [DCF.91.093.5LT](#)

Replacement contact: SINGLE: FGG.5B.562.ZZC KIT OF 4: PAG.562.04C

Cables

| | | | |
|--------------------|---------------|------|--|
| CMN.04.T20.053PGZE | | Grey | |
| CMN.04.T20.053PNZE | | | |
| CMN.04.T20.053QGZE | TPR (medical) | Grey | |
| | | | |

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| | | | |
|--------------------|------------|--------------|------------------------------------------------------------------------------------|
| 240500 417920 | PVC PVC | Grey Grey |  |
| 4220 | PVC | Black |  |
| CTR.75.030.121870G | PVC | Grey |  |

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#)
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