

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 1P
Termination type Male crimp
IP rating 50
AWG wire size 0.00 - 24.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [PLG.M0.5GL.MA](#)

Download

[Request a quote](#)

[Catalog](#)

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), gray
Variant A : Blue collet nut

Performance

Configuration 1P.M05 : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 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: 1.05
Air clearance min.: 1.1 mm
Creepage distance min.: 1.1 mm

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

Endurance (Shell): >2000 mating cycles

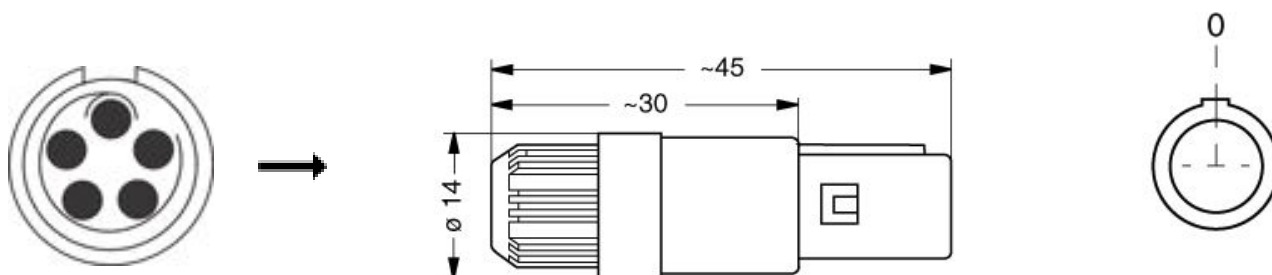
Temp (min / max): -50°C / +150°C

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 5: PAG.562.05C

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
50090	PVC	Black	
50140	PVC	Grey	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[LEMO:](#)

[PAG.M0.5GL.CC52A](#)