

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 22.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [PLA.M0.5GL.LA](#)

Download

[Request a quote](#)

[Catalog](#)

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 A : Blue collet nut for bend relief

Performance

Configuration 1P.M05 : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05
Air clearance min.: 0.8 mm
Creepage distance min.: 0.8 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

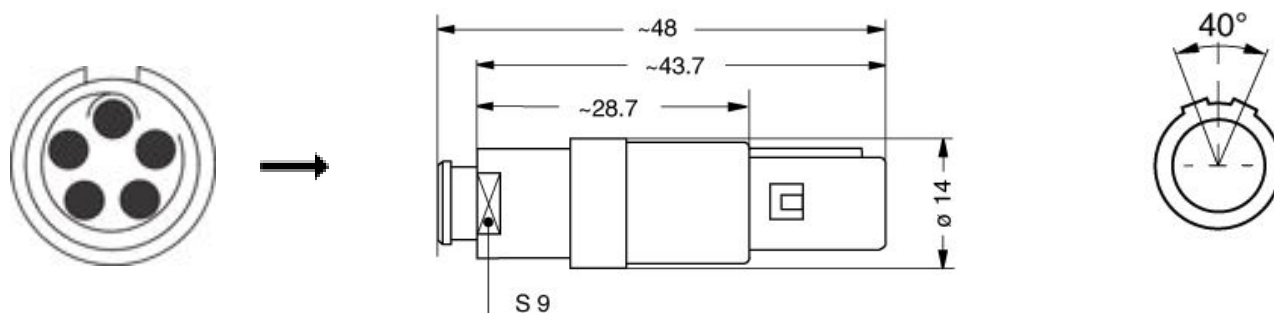
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

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

DRAWINGS



RECOMMENDED BY LEMO

Tools

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Push Pull Connectors](#) category:

Click to view products by [LEMO](#) manufacturer:

Other Similar products are found below :

[6407-249V-11273P](#) [6408-201V-13273](#) [6408-202V-13343](#) [6408-202V-17343](#) [EZG.0B.309.CLN](#) [FFA.2S.310.ZLA](#) [FGA.1B.307.CYCD72Z](#)
[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#)
[PHG.1K.308.CLLK85](#) [PKG.M0.6BL.LZ](#) [PLC.M1.0SL.LA](#) [GMA.10.290.DN](#) [GMA.3B.090.DA](#) [PRG.M0.6GL.LC52GZ](#) [PSA.1S.275.CTLC66](#)
[ABF.1S.250.NTA](#) [133020F](#) [1331ER193MZ](#) [1332M107MZ](#) [DTS26Z19-32JA-LC](#) [DTS26Z19-32SA](#) [DTS26Z19-32SA-LC](#) [DTS26Z23-55HA](#)
[DTS26Z23-55HA-LC](#) [DTS26Z23-55JA-LC](#) [EAJ.1B.306.CWA](#) [ECG.XB.312.CLL](#) [1589430-2](#) [EEA.0B.305.CLN](#) [EEA.0B.309.CLL](#)
[ELF.00.250.NTL](#) [ERA.01.250.DLL](#) [BRR.2S.200.PZVG](#) [HR10A-P](#) [CAH.M34.SLL.C72GZ](#) [CAJ.M34.SLL.C72GZ](#) [300500](#) [ESB.00.303.NLL](#)
[EXG.0B.309.HLN](#) [FFB.1S.250.CLAC27](#) [FGA.2B.306.CYCD92](#) [FGA.2B.306.CYCD92Z](#) [FGA.XB.312.CLAD72](#) [FGJ.1B.302.CYMD62](#)
[FGJ.3B.308.CLLD72Z](#)