

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 28.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [PLA.M1.0TL.LN](#)

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 PEI (Polyetherimide), black
Variant N : Black collet nut for bend relief
Weight 4.89 g

Performance

Configuration 1P.M10 : 10 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0201in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.85

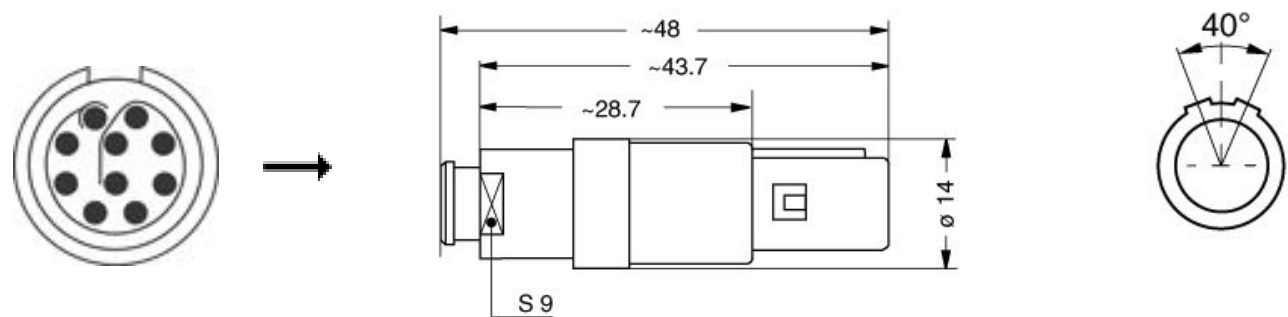
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Air clearance min.: 0.55 mm
Creepage distance min.: 0.55 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +170°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.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			

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:](#)

[PAA.M1.0TL.AC52NZ](#)