

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 20.00 - 0.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [PLG.M0.2NL.LN](#)

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), black
Variant N : Black collet nut
Weight 4.29 g

Performance

Configuration 1P.M02 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 10 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.04in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

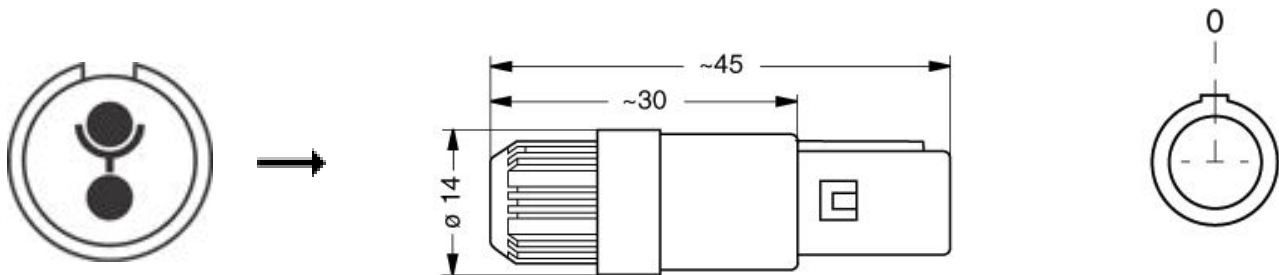
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 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

Cables

102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	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.