

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 5.30 - 6.50 mm  
Status active

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## 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

### Performance

Configuration 1P.M14 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.0201in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm  
Test voltage (kV rms) Contact-contact: 0.6  
Air clearance min.: 0.5 mm  
Creepage distance min.: 0.5 mm

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## Others

Endurance (Shell): >2000 mating cycles

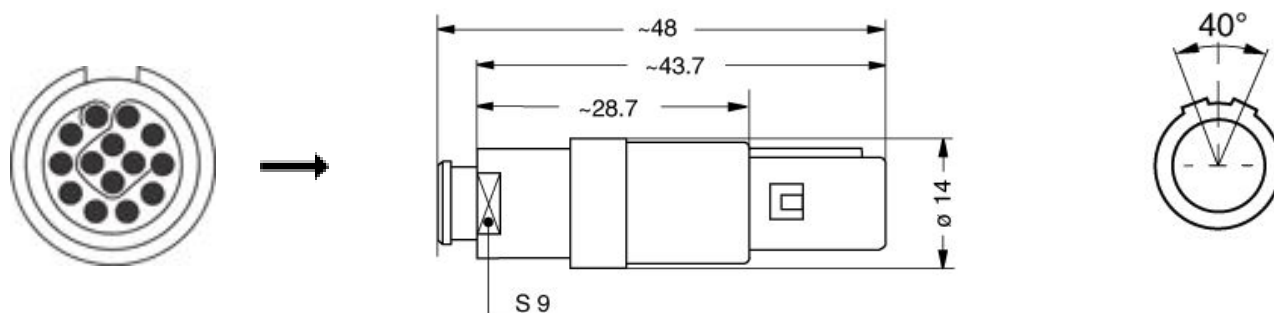
Temp (min / max): -50°C / +170°C

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.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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