

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 4.00 - 5.20 mm  
Status active  
Matching parts [PLC.M0.2GL.LN](#)

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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=80; Plug: male contacts; Receptacle: female contacts)  
Housing Material PSU (Polysulfone), gray  
Variant N : Black collet nut for bend relief

### 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 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.3 mm  
Creepage distance min.: 1.3 mm

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## Others

Endurance (Shell): >2000 mating cycles

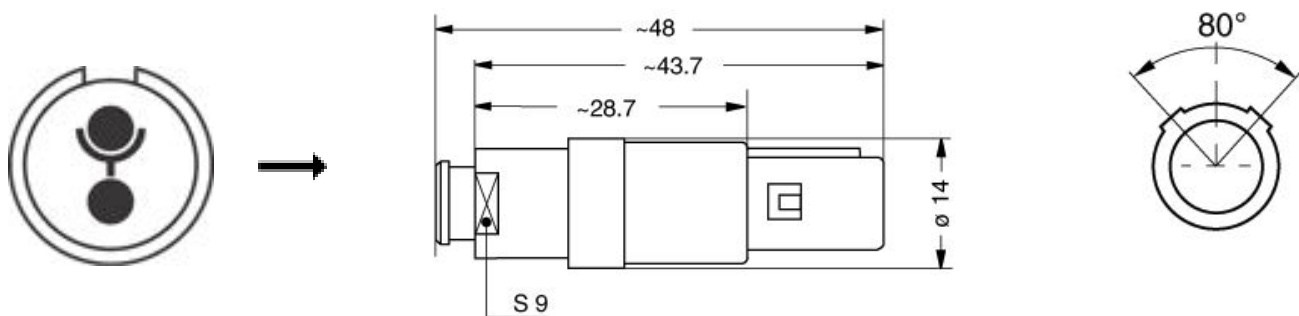
Temp (min / max): -50°C / +150°C

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.02.T20.047PGZE		Grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
120240	PVC	Black	
120250	PVC	Grey	
120501	PVC	Grey	
20260	PVC	Black	
20264	PVC	Black	

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20266	PVC	Violet	
2221	PVC	Black	
2280	PVC	Black	
4082	PVC	Grey	

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