

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 26.00  
Cable Ø 5.30 - 6.50 mm  
Status active  
Matching parts [PLC.M0.8GL.LA](#)

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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 A : Blue collet nut for bend relief  
Weight 5.19 g

### Performance

Configuration 1P.M08 : 8 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.7 mm (0.0275in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05

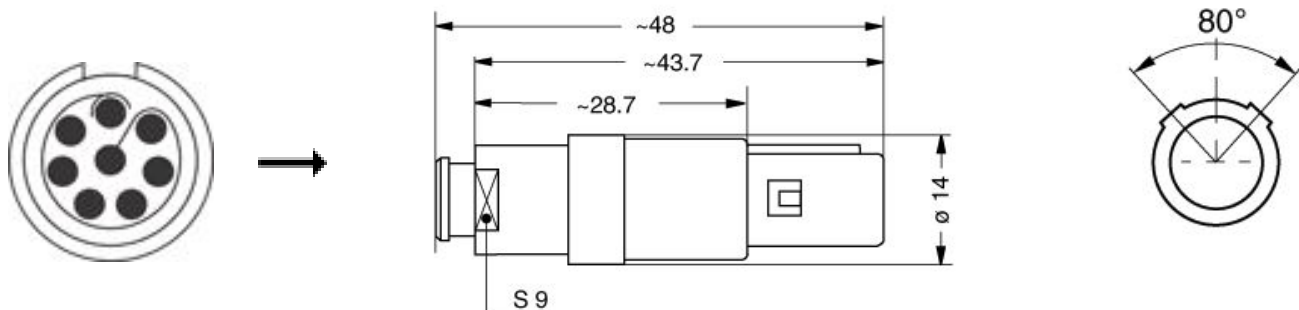
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Air clearance min.: 0.6 mm  
 Creepage distance min.: 0.6 mm

## 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

16080	PVC	Grey	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	

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80140	PVC	Grey	
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