

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 22.00  
Cable Ø 4.00 - 5.20 mm  
Status active  
Matching parts [PLG.M0.4GL.LR](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PA\*: Straight plug with cable collet and nut for fitting a bend relief  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PSU (Polysulfone), gray  
Variant R : Red collet nut for bend relief  
Weight 5.06 g

### Performance

Configuration 1P.M04 : 4 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 8 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2

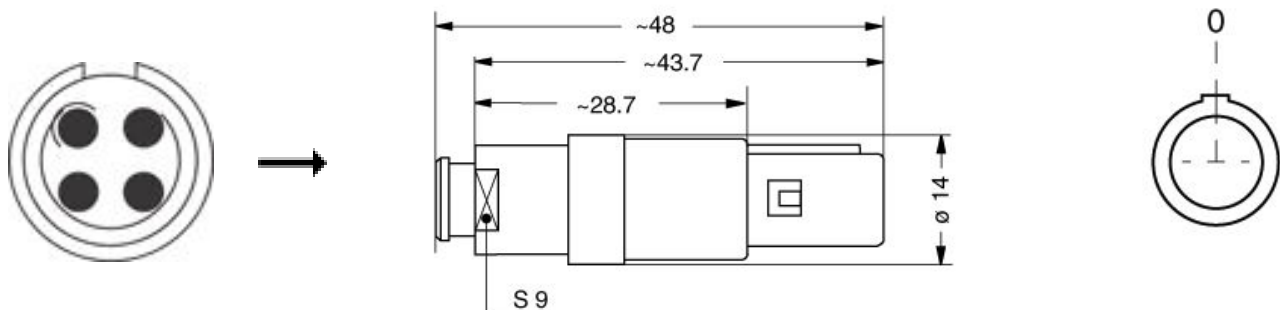
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Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

## 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

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40140	PVC	Black	
40260	PVC	Black	

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4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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