

## 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 2.70 - 3.90 mm  
Status active  
Matching parts [PLB.M0.4GL.LA](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PA\*: Straight plug with cable collet  
Keying 2 keys (alpha=60; Plug: male contacts; Receptacle: female contacts)  
Housing Material PSU (Polysulfone), gray  
Variant A : Blue collet nut  
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

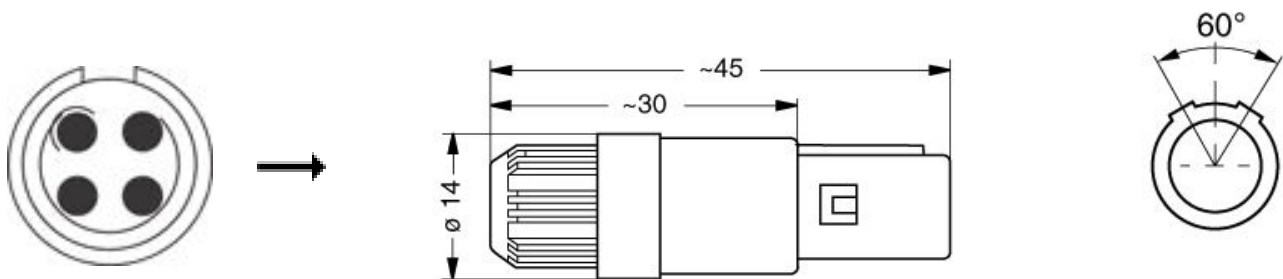
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Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

## 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.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
40080	PVC	Black	

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40086	PVC	Blue	
40240	PTFE	White	
4041	PVC	Grey	
4050	PVC	Black	
4260	PTFE	White	

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