

## 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	<a href="#">PLG.M0.4NL.LN</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PA*: Straight plug with cable collet
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), black
Variant	N : Black collet nut
Weight	5.03 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

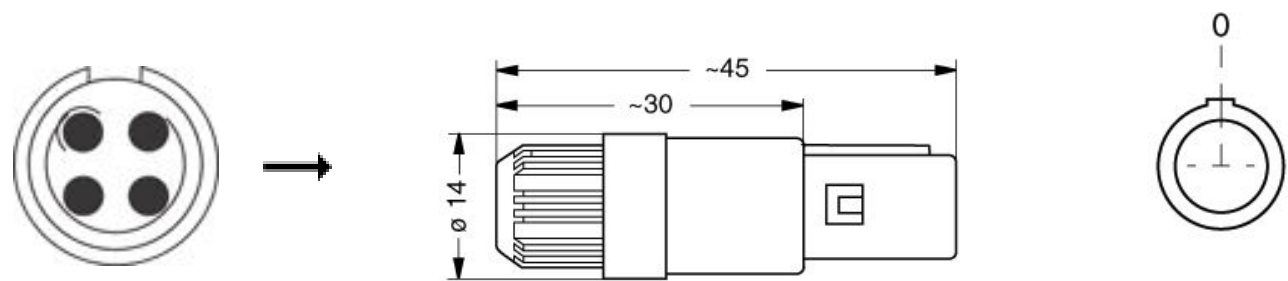
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Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

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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