

## SUMMARY

### # Wires

Low voltage 9



*Image is for illustrative purpose only*

Series 1P  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 4.00 - 5.20 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PR\*: Free receptacle with cable collet  
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)  
Housing Material PEI (Polyetherimide), black  
Variant N : Black collet nut  
Weight 4.70 g

### Performance

Configuration 1P.M09 : 9 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 3 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.0201in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm  
Test voltage (kV rms) Contact-contact: 0.85

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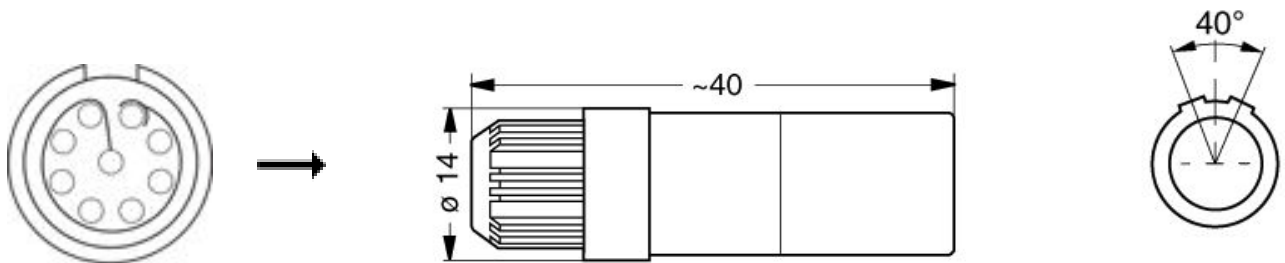
Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

## Others

Endurance (Shell): >2000 mating cycles  
Temp (min / max): -50°C / +170°C  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

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## DRAWINGS



## Dimensions

	A	L
mm.	14	40
in.	0,55	1,57


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## RECOMMENDED BY LEMO

## Tools

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## Cables

CMN.09.T28.050CNQZ			
CMN.09.T28.051PGZE		Grey	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	

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