

## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	4.00 - 5.20 mm
Status	Active
Matching parts	<a href="#">PLB.M0.7GL.LA</a>

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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=60; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray
Variant	A : Blue collet nut for bend relief
Weight	5.15 g

### Performance

Configuration	1P.M07 : 7 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

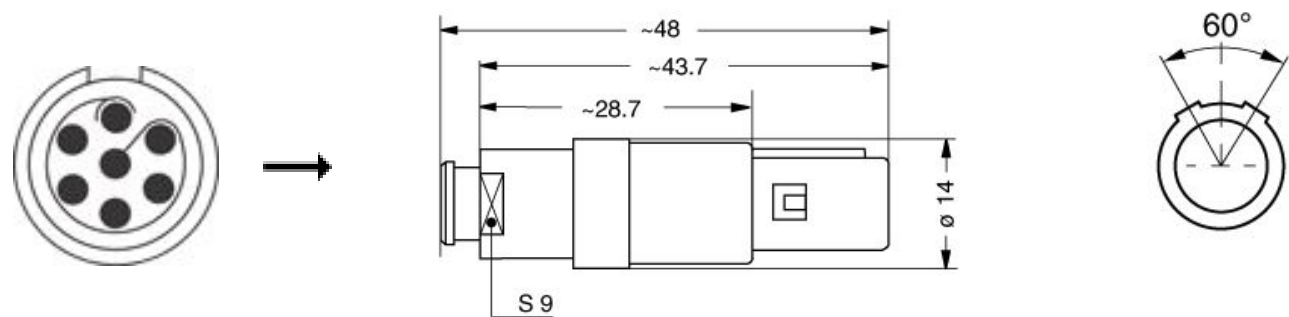
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Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

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.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
70140	PVC	Grey	

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