

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Male crimp
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">PLG.M0.6TL.MN</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	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PEI (Polyetherimide), black
Variant	N : Black collet nut for bend relief
Weight	6.82 g

### Performance

Configuration	1P.M06 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	26 N
Contact Dia.:	0.7 mm (0.0275in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

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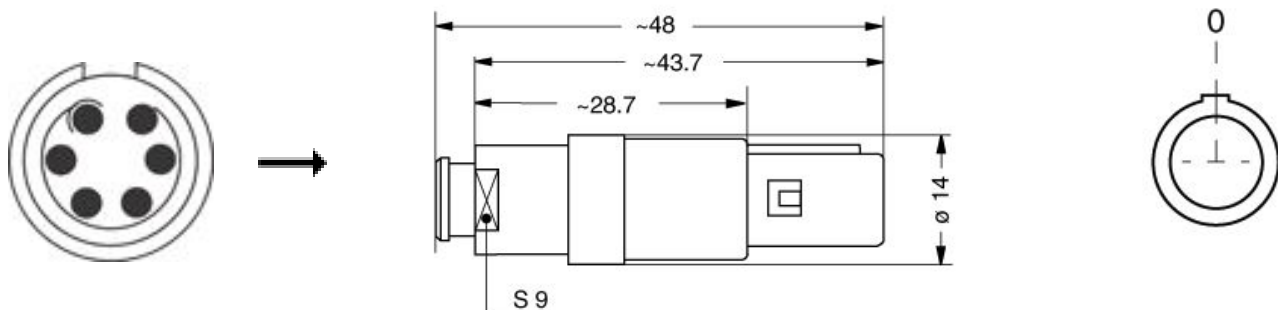
Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

## Others

Endurance (Shell): >2000 mating cycles  
Temp (min / max): -50°C / +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



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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: [DCE.91.075.BVD](#)  
Extractor: [DCF.91.073.5LT](#)  
Replacement contact: SINGLE: FGG.5B.555.ZZD KIT OF 6: PAG.557.06C

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