

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series 1P  
Termination type Female crimp  
IP rating 50  
AWG wire size 0.00 - 22.00  
Cable Ø 1.70 - 6.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PL\*: Fixed receptacle, nut fixing  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PEI (Polyetherimide), gray  
Variant V : Green front nut  
Weight 6.54 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.: 0.85 mm  
Creepage distance min.: 0.85 mm

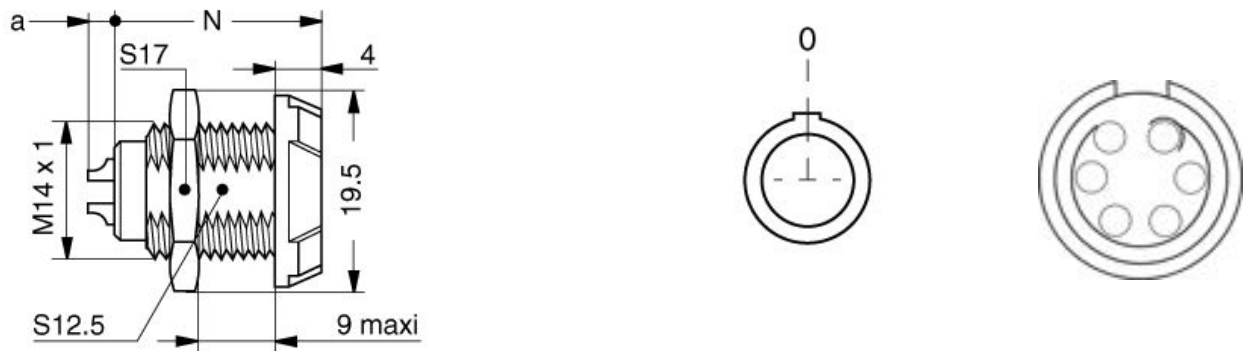
## Others

Endurance (Shell): >2000 mating cycles  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

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# DRAWINGS

## Draws



## Dimensions

	A	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

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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.91.070.BVM](#)

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Extractor: [DCF.91.070.2LT](#)

Replacement contact: SINGLE: EGG.0B.657.ZZM KIT OF 6: PKG.657.06M

## Cables

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