

## SUMMARY

### # Wires

Low voltage 4



Image is for illustrative purpose only

Series	1P
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">PAG.M0.4NL.CC39N</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PK*: Fixed receptacle without hexagonal nut
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), black
Variant	Z : without front nut
Weight	5.60 g

### Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 24 N  
Contact Dia.: 0.9 mm (0.0354in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2

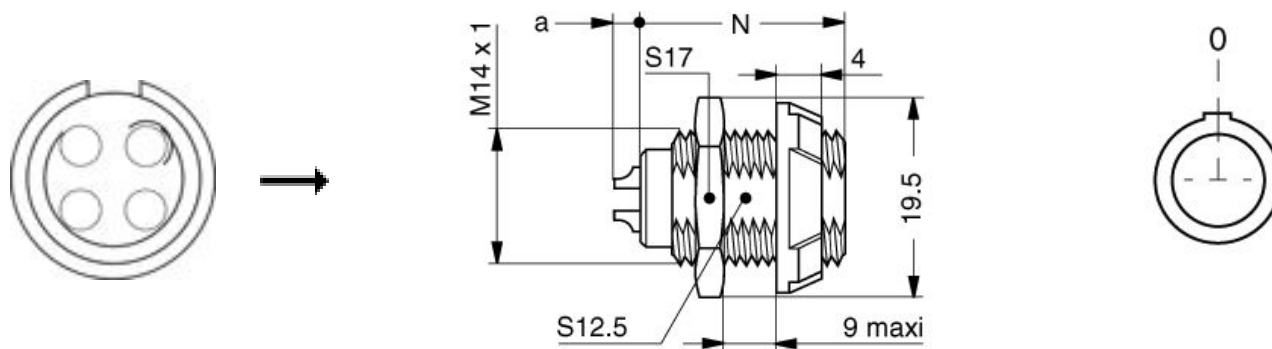
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Air clearance min.: 1.52 mm  
Creepage distance min.: 1.52 mm

## 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



## Dimensions

	A	N	a
mm.	19.5	20.5- 22.2	0-4.5
in.	0,77	0,81	0,00

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.090.BVM](#)

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Extractor: [DCC.09.05B.LAG](#)

Replacement contact: SINGLE: EGG.0B.664.ZZM KIT OF 4: PKG.662.04M

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