

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

Low voltage 2

Series 1P  
Termination type Female crimp  
IP rating 50  
AWG wire size 0.00 - 18.00  
Cable Ø 0.00 - 0.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PK\*: Fixed receptacle with two nuts (back panel mounting)  
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)  
Housing Material PEI (Polyetherimide), gray  
Variant G : Gray front nut

### Performance

Configuration 1P.M02 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 20 N  
Contact Dia.: 1.3 mm (0.0512in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.5 mm  
Creepage distance min.: 1.5 mm

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## Others

Endurance (Shell): >2000 mating cycles

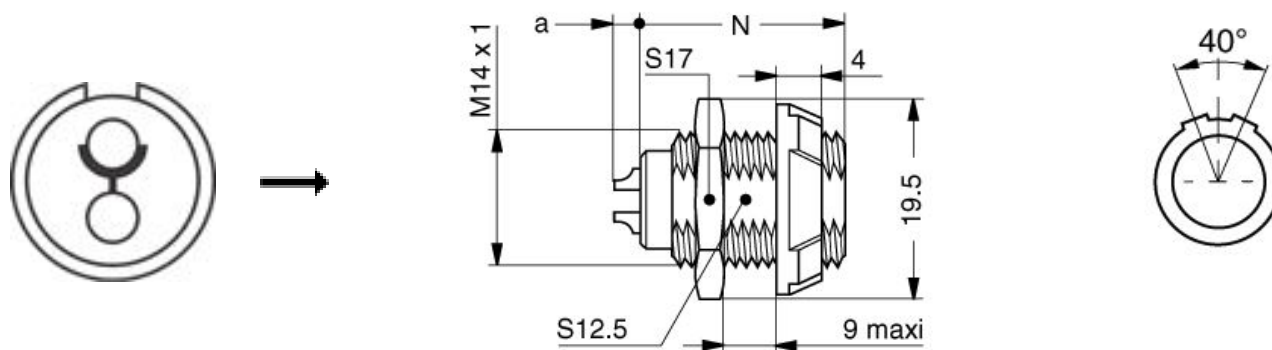
Temp (min / max): -50°C / +170°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

## 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 = 18-20/8-7

Positionner: [DCE.91.130.BVM](#)

Extractor: [DCF.91.131.2LT](#)

Replacement contact: SINGLE: EGG.0B.667.ZZM KIT OF 2: PKG.667.02M

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