

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 2

Series 1P
Termination type Female solder
IP rating 50
AWG wire size 20.00 - 0.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [PAG.M0.2TL.AC65N](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PK*: Fixed receptacle with two nuts (back panel mounting)
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material PEI (Polyetherimide), gray
Variant N : Black 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: Solder
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.04in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2
Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 mm

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Others

Endurance (Shell): >2000 mating cycles

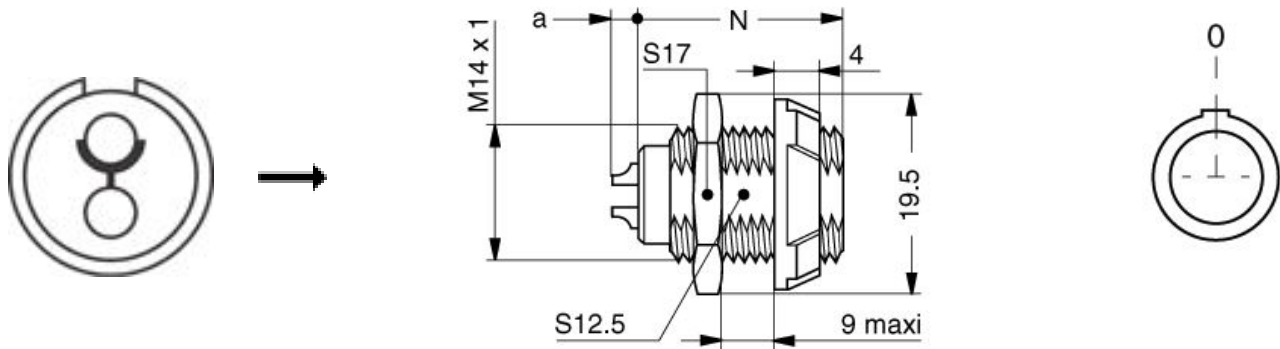
Temp (min / max): -50°C / +170°C

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

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