

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 1P
Termination type Female crimp
IP rating 50
AWG wire size 0.00 - 0.00
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=60; Plug: male contacts; Receptacle: female contacts)
Housing Material PEI (Polyetherimide), gray
Variant J : Yellow front nut

Performance

Configuration 1P.M08 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 26 N
Contact Dia.: 0.7 mm (0.0275in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05
Air clearance min.: 0.9 mm
Creepage distance min.: 0.9 mm

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Others

Endurance (Shell): >2000 mating cycles

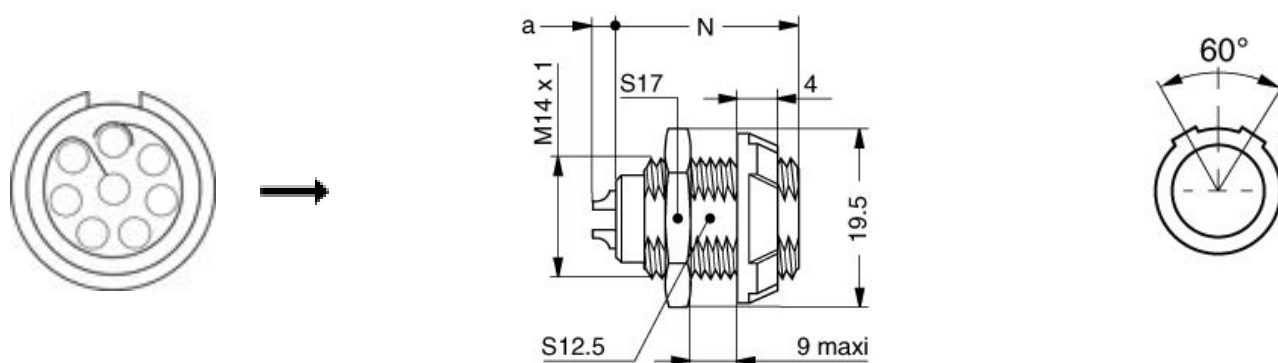
Temp (min / max): -50°C / +170°C

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 = 22-24-26/6-5-5

Positionner: [DCE.91.070.BVM](#)

Extractor: [DCF.91.070.2LT](#)

Replacement contact: SINGLE: EGG.0B.657.ZZM KIT OF 8: PKG.657.08M

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