

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
Matching parts	PAC.M0.2SL.CC65GZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting)
Keying	2 keys (alpha=80; 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 ² (AWG 20)
Max. Conductor:	1 mm ² (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

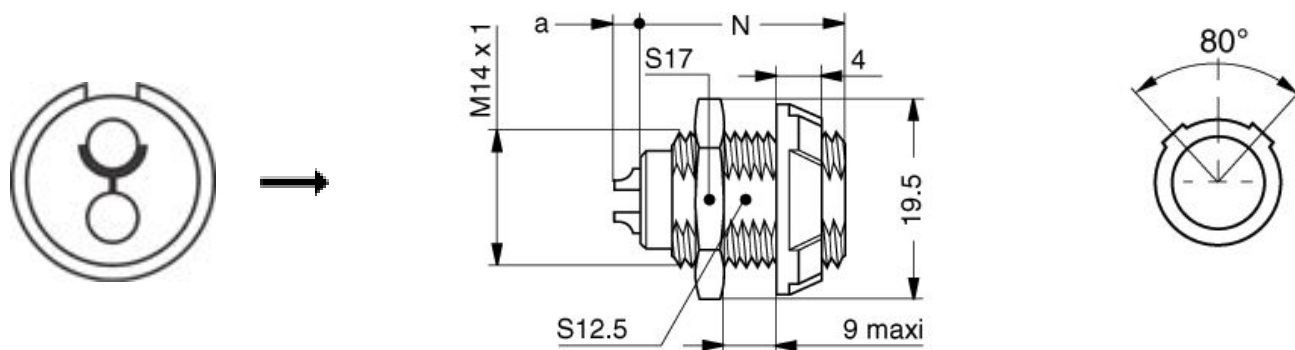
Temp (min / max): -50°C / +170°C

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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