

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

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

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle without hexagonal nut
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PEI (Polyetherimide), gray
Variant	Z : without front nut
Weight	5.08 g

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

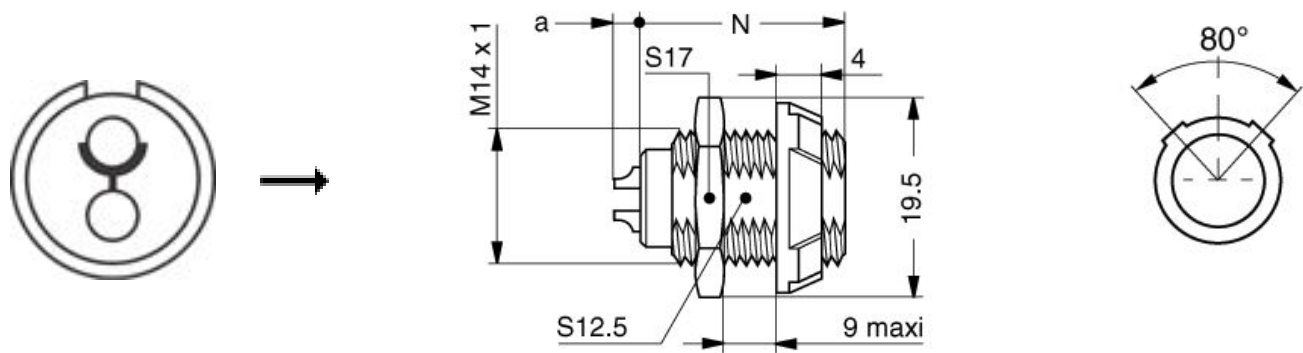
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Air clearance min.: 1.5 mm
Creepage distance min.: 1.5 mm

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](#)

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Extractor: [DCF.91.131.2LT](#)

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

[PKC.M0.2SL.MZ](#)