

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	1P
Termination type	Female print PCB
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">PAB.M0.4TL.AC39N</a>

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [PCB KiCad Pattern](#)
- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting), straight print contacts
Keying	2 keys (alpha=60; Plug: male contacts; Receptacle: female contacts)
Housing Material	PEI (Polyetherimide), black
Variant	N : Black front nut
Weight	4.78 g

### Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.9 mm (0.0354in)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

*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.*

## Others

Endurance (Shell): >2000 mating cycles

Temp (min / max): -50°C / +170°C

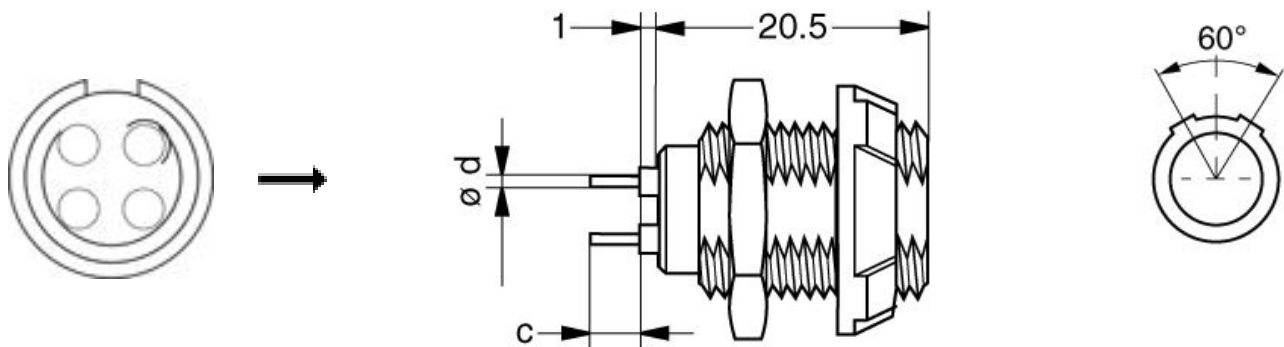
F ret (min): 50 N

F ret (max): 150 N

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

---

## DRAWINGS



## Dimensions

	c	d
mm.	3-5	0.5-0.7
in.	0,12	0,02

---

## RECOMMENDED BY LEMO

## Tools

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.