

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	1P
Termination type	Male special long contacts
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">PLA.M0.6NL.LN</a>

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), black
Variant	N : Black collet nut for bend relief
Weight	5.26 g

### Performance

Configuration	1P.M06_Y : 4 (0.5 mm) + 2 (1.3 mm) Low Voltage
Insulator	
Rated Current	10 Amps

### Specifications

Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

### Others

Endurance (Shell): >2000 mating cycles

*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.*

Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

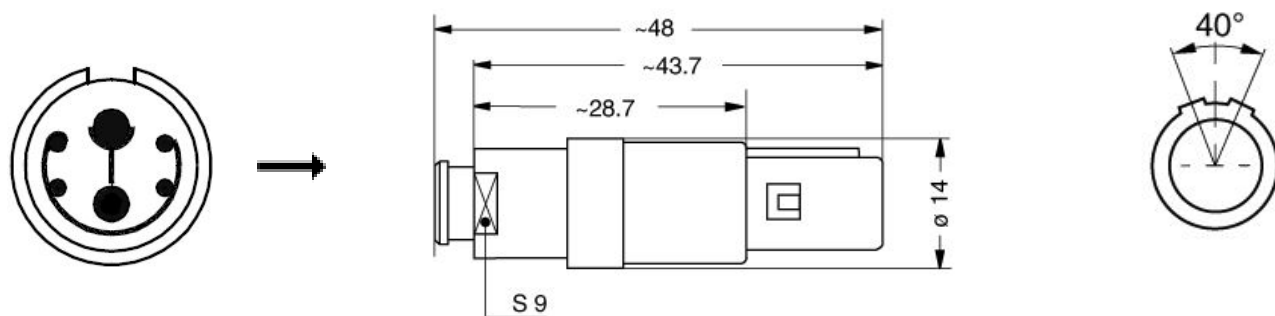
2 contacts (1.3 mm) 1.2kV (IEC 60512-2 test 4A) / 10 Amp (IEC 60512-3 test 5A) □

4 contacts (0.5 mm) 1.2kV (IEC 60512-2 test 4A) / 1 Amp (IEC 60512-3 test 5A) □

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

---

## DRAWINGS



---

## 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.

# Mouser Electronics

Authorized Distributor

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

[LEMO:](#)

[PAA.M0.6NY.YC65NZ](#)