

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 26.00  
Cable Ø 2.70 - 3.90 mm  
Status active  
Matching parts [PLG.M0.6GL.LG](#)

### Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PA\*: Straight plug with cable collet  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PSU (Polysulfone), gray  
Variant G : Gray collet nut  
Weight 4.81 g

### Performance

Configuration 1P.M06 : 6 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.7 mm (0.0275in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05

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.

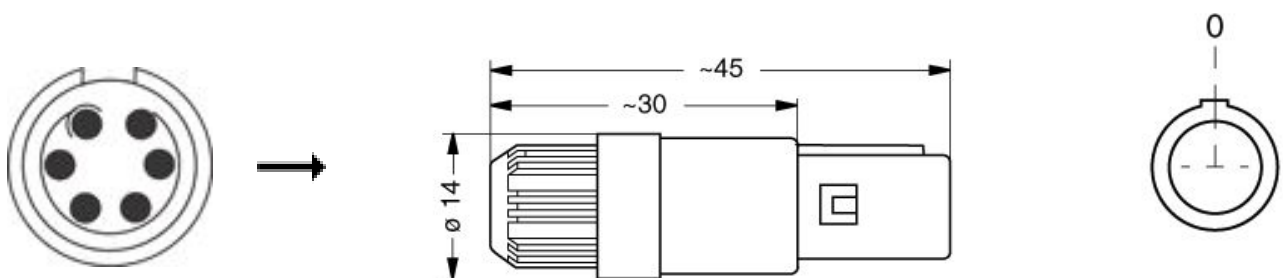
Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

## Others

Endurance (Shell): >2000 mating cycles  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

---

## DRAWINGS



---

## RECOMMENDED BY LEMO

### Tools

### Cables

CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			

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.