

## 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

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## 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), grey  
Variant G : grey 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

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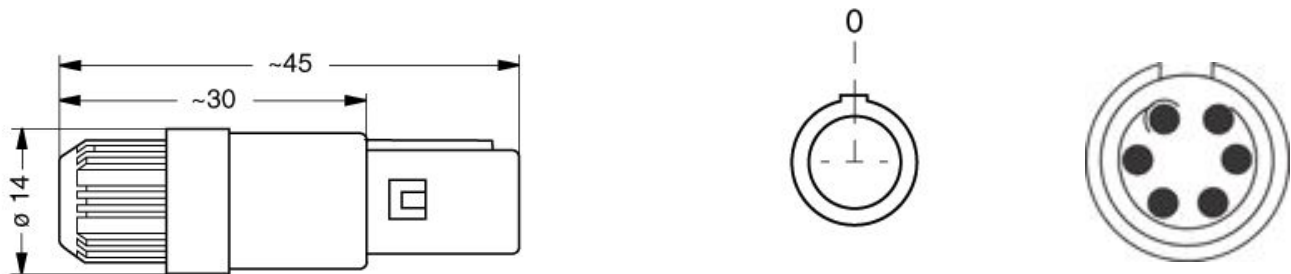
Air clerance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

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

Draws



Dimensions




	A	L
mm.	14	45
in.	0.55	1.77

RECOMMENDED BY LEMO

Tools

Cables

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

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