

## 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	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">PLG.M0.6GL.LG</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut for bend relief
Weight	5.02 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

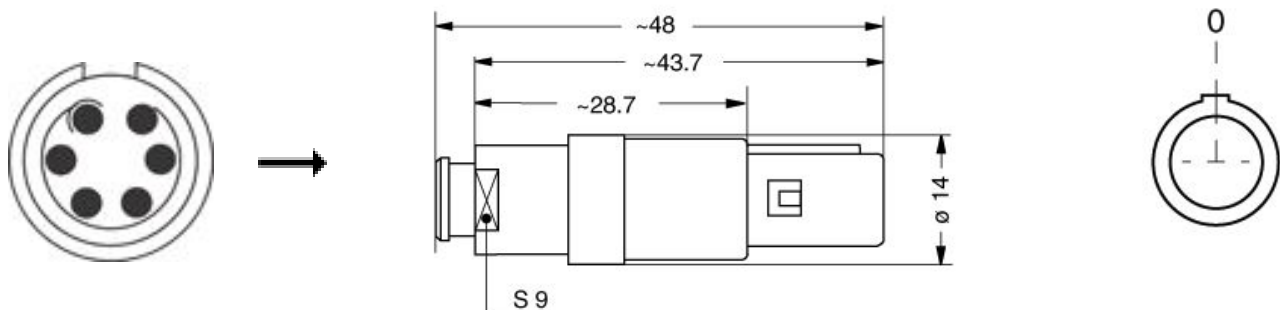
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Air clearance min.: 0.85 mm  
 Creepage distance min.: 0.85 mm

## Others

Endurance (Shell): >2000 mating cycles  
 Temp (min / max): -50°C / +150°C  
 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.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	

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60260	PTFE	White	
6280	PVC	Black	

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