

## SUMMARY

### # Wires

Low voltage 2



Image is for illustrative purpose only

Series 1P  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 20.00  
Cable Ø 2.70 - 3.90 mm  
Status active  
Matching parts [PLA.M0.2GL.LG](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PA\*: Straight plug with cable collet  
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)  
Housing Material PSU (Polysulfone), gray  
Variant G : Gray collet nut  
Weight 5.00 g

### Performance

Configuration 1P.M02 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.0512in)  
Bucket Dia.: 1.1 mm (0.04in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2

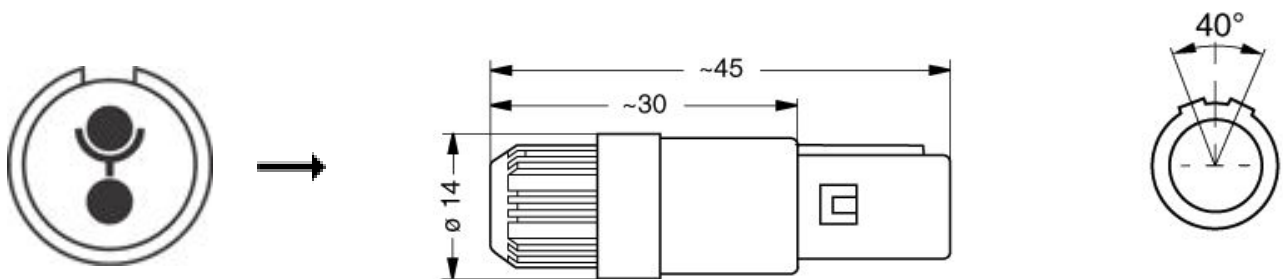
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Air clearance min.: 1.3 mm  
 Creepage distance min.: 1.3 mm

## 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.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
20140	PVC	Grey	
20140	PVC	Grey	

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20141	PVC	Grey	
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	
20240	PTFE	White	
2050	PVC	Black	
2080	PVC	Grey	
2260	PTFE	White	

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