

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 28.00
Cable Ø	4.00 - 5.20 mm
Status	obsolete
Alternative part	<a href="#">PAA.M1.0GL.AC52GZ</a>
Matching parts	<a href="#">PKA.M1.0GL.LZ</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	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), gray

### Performance

Configuration	1P.M10 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3 Amps

### Specifications

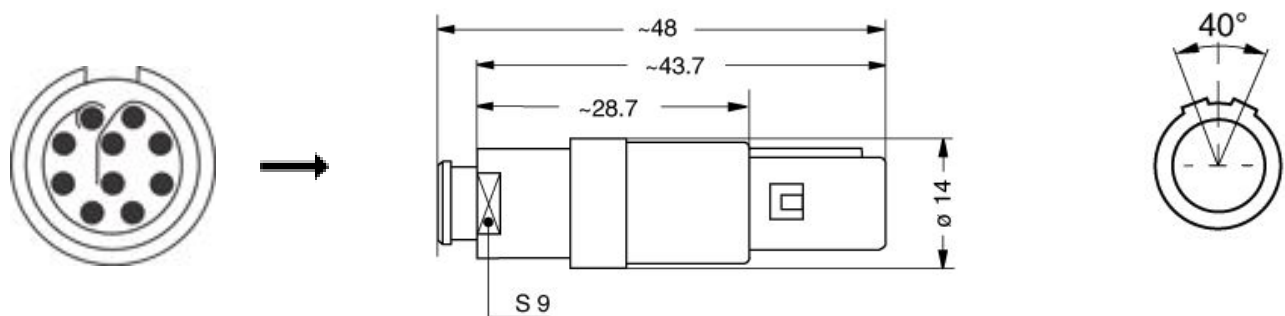
Contact Type:	Solder
Contact Dia.:	0.5 mm (0.0201in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	0.85
Air clearance min.:	0.55 mm
Creepage distance min.:	0.55 mm

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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.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			

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