

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 | PAA.M1.0GL.AC52GZ |
| Matching parts | PKA.M1.0GL.LZ |

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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 ² (AWG 28) |
| Max. Stranded Conductor: | 0.09 mm ² (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

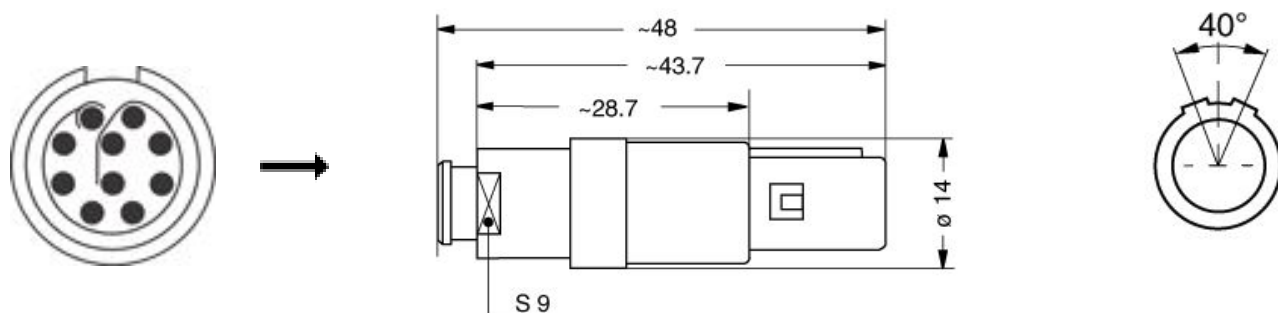
Temp (min / max): -50°C / +150°C

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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