

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 26.00 |
| Cable Ø | 4.00 - 5.20 mm |
| Status | active |
| Matching parts | PAA.M0.8GL.AC52GZ |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | PR*: Free receptacle 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 |
| Variant | G : Gray collet nut for bend relief |
| Weight | 4.68 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M08 : 8 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.0275in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.14 mm² (AWG 26)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

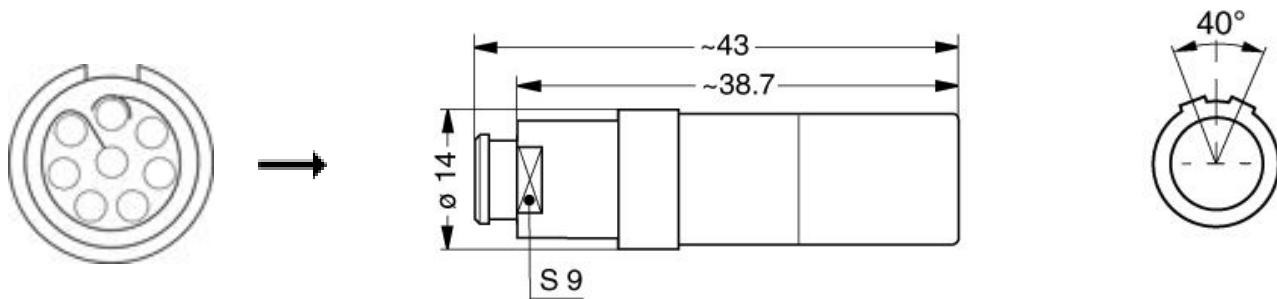
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Air clearance min.: 0.6 mm
Creepage distance min.: 0.6 mm

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



Dimensions

| | A | L |
|-----|------|------|
| mm. | 14 | 43 |
| in. | 0,55 | 1,69 |

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Tools

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Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.08.T26.042QGZE | TPR (medical) | Grey |  |
| 108240 | PTFE | White |  |
| 108260 | PTFE | White |  |
| 8280 | PVC | Black |  |

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