

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

| | |
|------------------|----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 22.00 |
| Cable Ø | 4.00 - 5.20 mm |
| Status | active |
| Matching parts | PAA.M0.4GL.AC52R |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PR*: Free receptacle with cable collet |
| Keying | 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts) |
| Housing Material | PSU (Polysulfone), gray |
| Variant | R : Red collet nut |
| Weight | 4.51 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M04 : 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 8 Amps |

Specifications

| |
|--|
| Contact Type: Solder |
| Contact Dia.: 0.9 mm (0.0354in) |
| Bucket Dia.: 0.8 mm (0.031in) |
| Max. Solid Conductor: 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: 0.34 mm ² (AWG 22) |
| R (max): 4.5 mOhm |
| Test voltage (kV rms) Contact-contact: 1.2 |

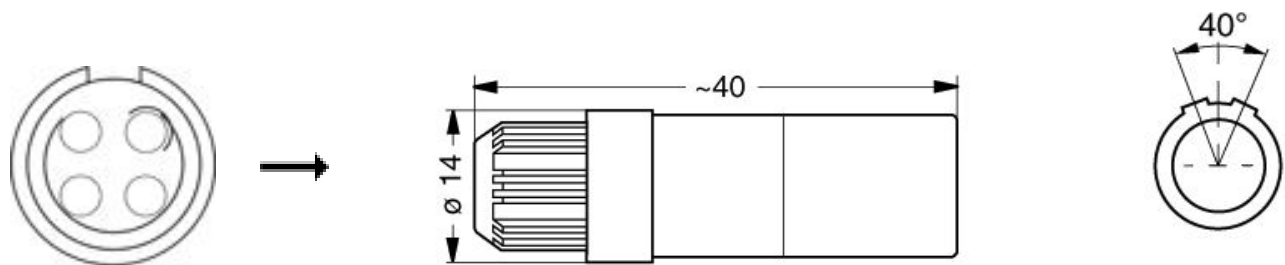
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Air clearance min.: 1.2 mm
Creepage distance min.: 1.2 mm

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 | 40 |
| in. | 0,55 | 1,57 |

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Tools

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Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey |  |
| 140240 | PVC | Black |  |
| 140250 | PVC | Grey |  |
| 40140 | PVC | Black |  |
| 40260 | PVC | Black |  |
| 4080 | PVC | Grey | |
| 4221 | PVC | Black |  |
| 4280 | PVC | Black |  |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |

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