

SUMMARY

Wires

Low voltage 6



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.M0.6GL.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 |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M06 : 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps |

Specifications

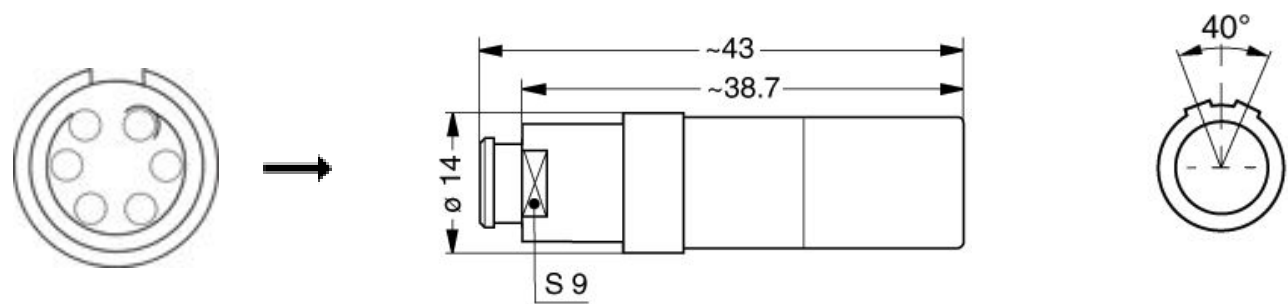
| | |
|----------------------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.0275in) |
| Bucket Dia.: | 0.6 mm (0.024in) |
| Max. Solid Conductor: | 0.14 mm ² (AWG 26) |
| Max. Stranded Conductor: | 0.14 mm ² (AWG 26) |
| R (max): | 6.5 mOhm |
| Test voltage (kV rms) Contact-contact: | 1.05 |
| Air clearance min.: | 0.85 mm |
| Creepage distance min.: | 0.85 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



Dimensions








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

RECOMMENDED BY LEMO

Tools

Cables

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| | | | |
|--------------------|---------------|-------|-------------------------------------------------------------------------------------|
| CMN.06.T28.042QBCE | TPR (medical) | | |
| CMN.06.T28.044PGZE | | Grey |  |
| CMN.06.T28.044PNZE | | |  |
| 106240 | PTFE | White |  |
| 160140 | PVC | Grey |  |
| 160260 | PVC | Black |  |
| 60260 | PTFE | White |  |
| 6280 | PVC | Black |  |

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