

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

| | |
|------------------|-------------------------------|
| Series | 1P |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 22.00 |
| Cable Ø | 4.00 - 5.20 mm |
| Status | active |
| Matching parts | PLA.M0.5GL.LA |

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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 |
| Variant | A : Blue collet nut for bend relief |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M05 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

Specifications

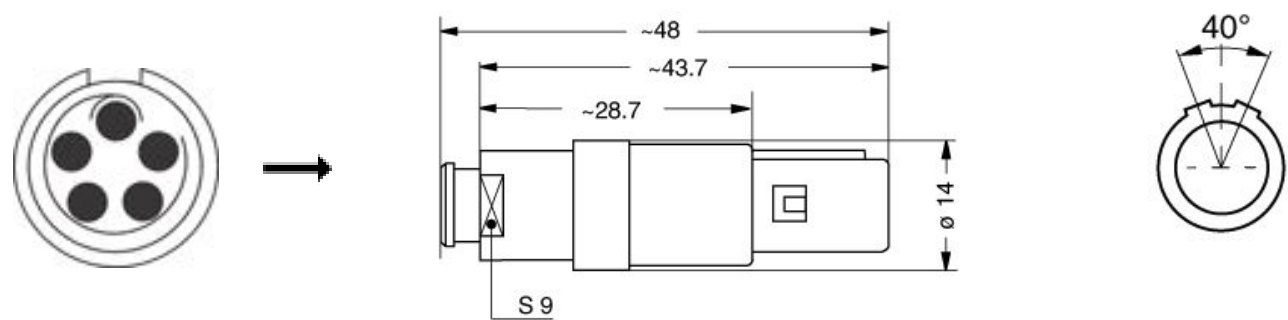
| | |
|--|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.9 mm (0.035in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 4.5 mOhm |
| Test voltage (kV rms) Contact-contact: | 1.05 |
| Air clearance min.: | 0.8 mm |
| Creepage distance min.: | 0.8 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.05.T22.051QGZE | TPR (medical) | Grey |  |
| 50090 | PVC | Black | |
| 50140 | PVC | Grey |  |

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