

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

| | |
|------------------|-------------------------------|
| Series | 1P |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 22.00 |
| Cable Ø | 2.70 - 3.90 mm |
| Status | active |
| Matching parts | PLB.M0.4TL.LN |

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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=60; Plug: male contacts; Receptacle: female contacts) |
| Housing Material | PEI (Polyetherimide), black |
| Variant | N : Black collet nut for bend relief |
| Weight | 5.18 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 (0.035in) |
| 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: | 1.2 |

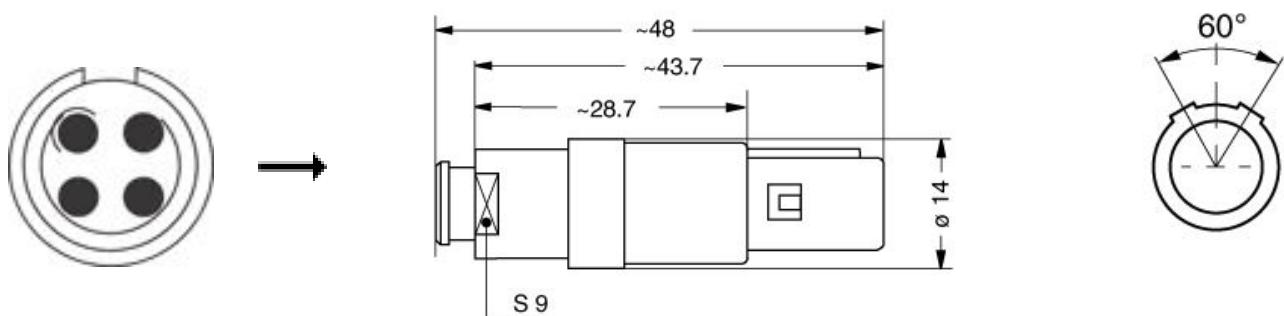
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Air clearance min.: 1.2 mm
 Creepage distance min.: 1.2 mm

Others

Endurance (Shell): >2000 mating cycles
 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.04.T28.031PGCE | PVC | GREY | |
| CMN.04.T28.031PGZE | | Grey | |
| CMN.04.T28.031PNCE | PVC | Black | |
| CMN.04.T28.031PNZE | | | |
| CMN.04.T28.031QGC | TPR | Grey | |
| 40080 | PVC | Black | |
| 40086 | PVC | Blue | |

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| | | | |
|-------|------|-------|--|
| 40240 | PTFE | White |  |
| 4041 | PVC | Grey |  |
| 4050 | PVC | Black |  |
| 4260 | PTFE | White |  |

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