

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

| | |
|------------------|-------------------------------|
| Series | 1P |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 26.00 |
| Cable Ø | 5.30 - 6.50 mm |
| Status | active |
| Matching parts | PLG.M0.8GL.LR |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | PA*: Straight plug with cable collet and nut for fitting a bend relief |
| Keying | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material | PSU (Polysulfone), gray |
| Variant | R : Red collet nut for bend relief |
| Weight | 5.21 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 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 |

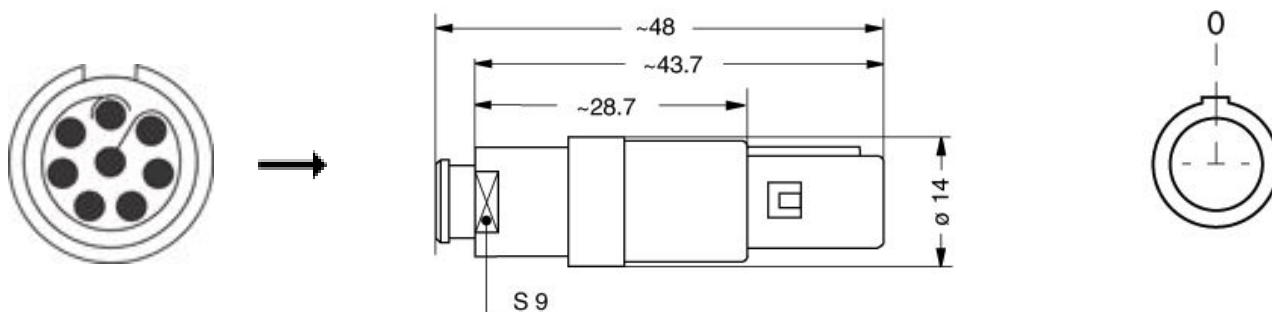
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Air clearance min.: 0.6 mm
 Creepage distance min.: 0.6 mm

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



RECOMMENDED BY LEMO

Tools

Cables

| | | | |
|--------|-----|--------|---|
| 16080 | PVC | Grey |  |
| 180260 | PVC | Black |  |
| 280250 | PVC | Grey |  |
| 335990 | PVC | Black |  |
| 335991 | PVC | Black |  |
| 42265 | PVC | Yellow |  |

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| | | | |
|-------|-----|------|--|
| 80140 | PVC | Grey |  |
|-------|-----|------|--|



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