## SUMMARY

### # Wires

| | |
|---|---|
| Low voltage | 14 |



*Image is for illustrative purpose only*

| | |
|---|---|
| Series | 1P |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 34.00 - 28.00 |
| Cable Ø | 4.00 - 5.20 mm |
| Status | active |
| Matching parts | PLG.M1.4SL.LG |

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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 | PEI (Polyetherimide), gray |
| Variant | G : Gray collet nut for bend relief |
| Weight | 5.23 g |

### Performance

| | |
|---|---|
| Configuration | 1P.M14 : 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps |

### Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0201in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm^2 (AWG 28)
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)
R (max): 8.5 mOhm
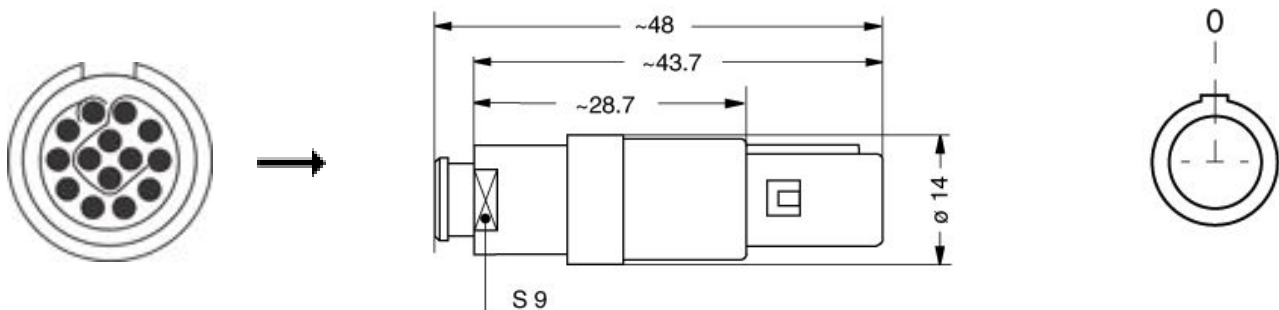Test voltage (kV rms) Contact-contact:  0.6

Air clearance min.: 0.5 mm
Creepage distance min.: 0.5 mm

## Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +170°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**