

## 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          | 4.00 - 5.20 mm                |
| Status           | active                        |
| Matching parts   | <a href="#">PLG.M0.8TL.LN</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PA*: Straight plug with cable collet                            |
| Keying            | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material  | PEI (Polyetherimide), black                                     |
| Variant           | N : Black collet nut  |
| Weight            | 5.30 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 <sup>2</sup> (AWG 26) |
| Max. Stranded Conductor:               | 0.14 mm <sup>2</sup> (AWG 26) |
| R (max):                               | 6.5 mOhm                      |
| Test voltage (kV rms) Contact-contact: | 1.05                          |

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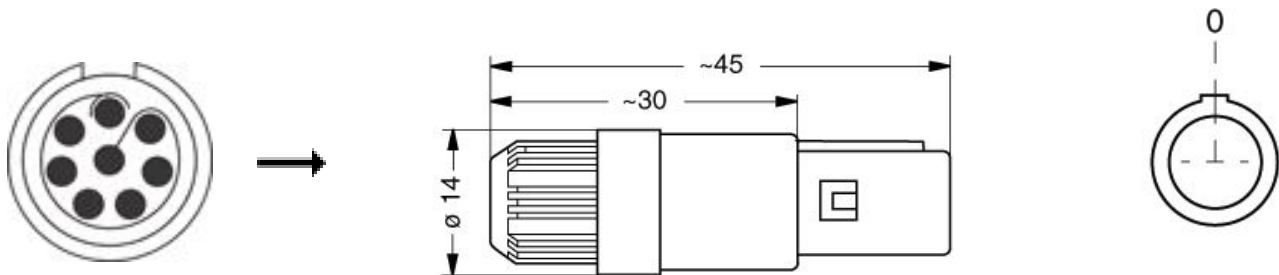
Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

## Others

Endurance (Shell): >2000 mating cycles  
Temp (min / max): -50°C / +170°C  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

### Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.08.T26.042QGZE | TPR (medical) | Grey  |  |
| 108240             | PTFE          | White |  |
| 108260             | PTFE          | White |  |
| 8280               | PVC           | Black |  |

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