

## SUMMARY

### # Wires

High voltage 3



*Image is for illustrative purpose only*

|                  |                                  |
|------------------|----------------------------------|
| Series           | 1P                               |
| Termination type | Male solder                      |
| IP rating        | 50                               |
| AWG wire size    | 0.00 - 0.00                      |
| Cable Ø          | 0.00 - 0.00 mm                   |
| Status           | active                           |
| Matching parts   | <a href="#">PAH.N0.3GL.LC52G</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PK*: Fixed receptacle with two nuts (back panel mounting) mains power |
| Keying            | 2 keys (beta=170; plug: female contacts, receptacle: male contacts)   |
| Housing Material  | PSU (Polysulfone), gray   |
| Variant           | G : Gray front nut  |
| Weight            | 4.31 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1P.N03 : 3 High Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 9 Amps                    |

### Specifications

Note: Increased creepage distance, pin 3 longer  
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.04in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 18)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 4.5 mOhm

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Test voltage (kV rms) Contact-contact: 1.5

Air clearance min.: 2 mm

Creepage distance min.: 2 mm

Cable type: H07 RN-F

## Others

Endurance (Shell): >2000 mating cycles

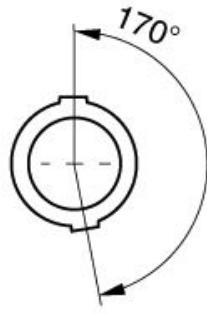
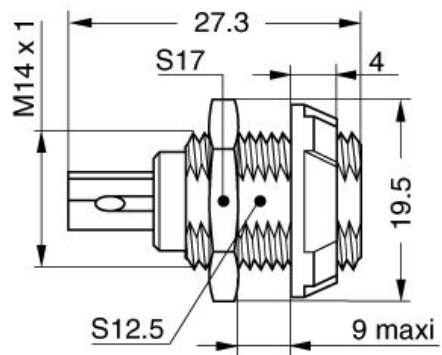
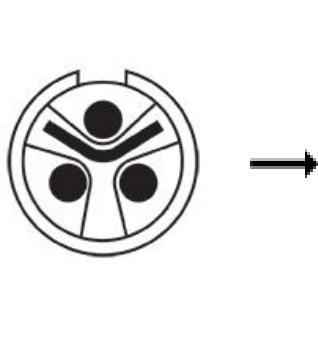
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

## DRAWINGS



## RECOMMENDED BY LEMO

### Tools

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