

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

|                  |                                  |
|------------------|----------------------------------|
| Series           | 1P                               |
| Termination type | Female solder                    |
| IP rating        | 50                               |
| AWG wire size    | 0.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                   |
| Status           | active                           |
| Matching parts   | <a href="#">PAG.M0.5GL.AC39V</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Shell Style/Model | PK*: Fixed receptacle with two nuts (back panel mounting)       |
| Keying            | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material  | PSU (Polysulfone), gray                                         |
| Variant           | V : Green front nut                                             |
| Weight            | 4.86 g                                                          |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1P.M05 : 5 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05

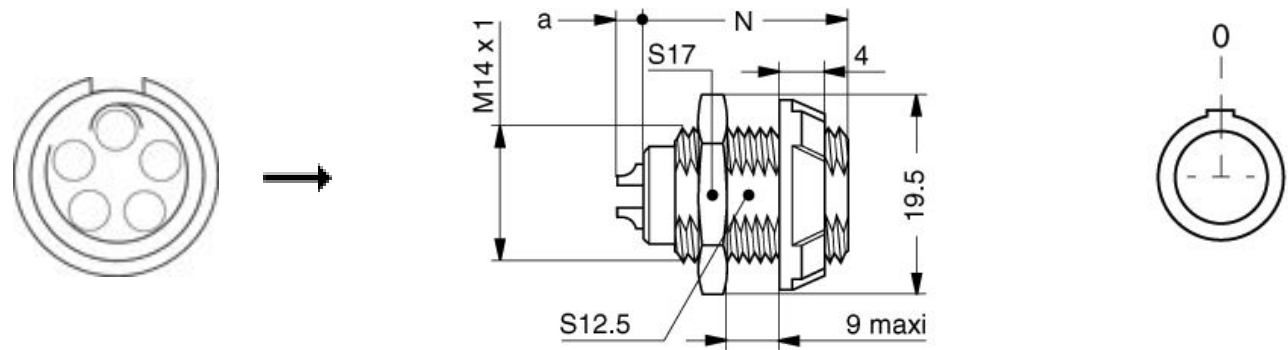
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Air clearance min.: 0.8 mm  
Creepage distance min.: 0.8 mm

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



Dimensions

|     | A    | N         | a     |
|-----|------|-----------|-------|
| mm. | 19.5 | 20.5-22.2 | 0-4.5 |
| in. | 0,77 | 0,81      | 0,00  |

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Tools

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