

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 1P                                |
| Termination type | Female solder                     |
| IP rating        | 64                                |
| AWG wire size    | 0.00 - 20.00                      |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">PFG.M0.2GL.AC39GZ</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PN*: Fixed receptacle, nut fixing, watertight                   |
| Keying            | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material  | PSU (Polysulfone), gray   |
| Variant           | G : Gray front nut  |
| Weight            | 5.20 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1P.M02 : 2 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps                   |

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.0512in)  
Bucket Dia.: 1.1 mm (0.04in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2

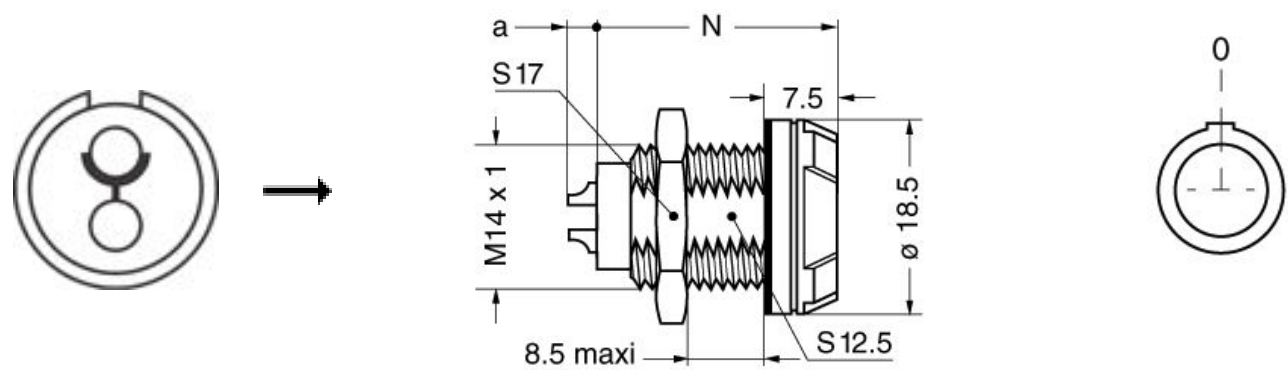
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Air clearance min.: 1.3 mm  
Creepage distance min.: 1.3 mm

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

|     | N    | a       |
|-----|------|---------|
| mm. | 23.3 | 2.5-4.5 |
| in. | 0,92 | 0,10    |

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Tools

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