

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | OK                                |
| Termination type | Female solder                     |
| IP rating        | 68                                |
| AWG wire size    | 28.00 - 20.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.0K.303.CLAC20</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight                                                                 |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                                                             |
| Housing Material  | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Variant           | P : Watertight                                                                                                                |
| Weight            | 12.77 g                                                                                                                       |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | OK.303 : 3 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 8 Amps                    |

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.0 mm (0.039in)  
Max. Solid Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm

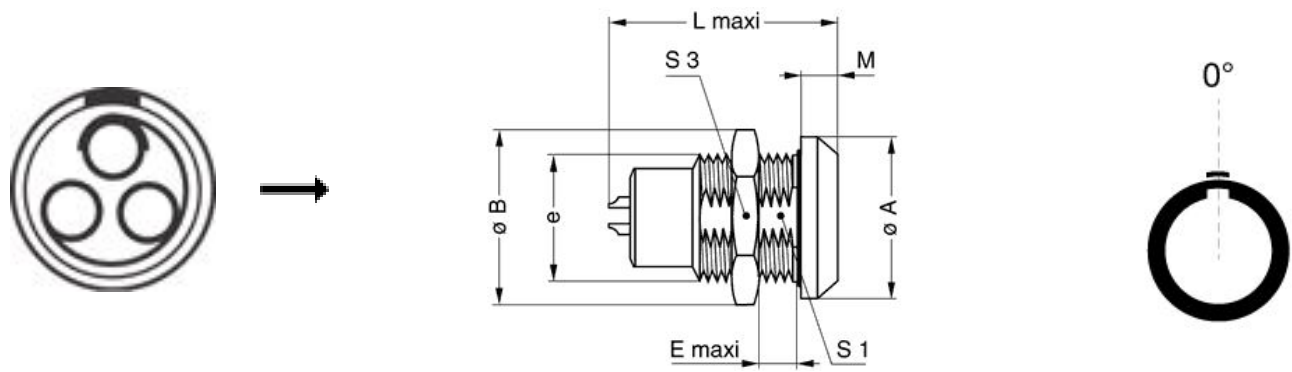
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Vtest (contact-shell): 900 V (AC), 1300 V (DC)  
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -20°C / +100°C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 20/80/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 60 bars

DRAWINGS



Dimensions

|     | A    | B    | E    | L    | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18   | 19.5 | 5.5  | 21.7 | 4    | 12.5 | 17   | M14x1.0 |
| in. | 0,71 | 0,77 | 0,22 | 0,85 | 0,16 | 0,49 | 0,67 |         |

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## Tools

## Cables

|                    |     |       |                                                                                       |
|--------------------|-----|-------|---------------------------------------------------------------------------------------|
| CMN.03.T28.031PGCE | PVC | GREY  |     |
| CMN.03.T28.031PGZE |     | Grey  |    |
| CMN.03.T28.031PNCE | PVC | Black |     |
| CMN.03.T28.031PNZE |     |       |    |
| 130240             | PVC | Black |    |
| 130250             | PVC | Grey  |     |
| 30110              | PVC | Grey  |    |
| 30141              | PVC | Grey  |    |
| 30260              | PVC | Black |    |
| 3041               | PVC | Grey  |     |
| 3050               | PVC | Black |     |
| 3081               | PVC | Black |                                                                                       |
| 3220               | PVC | Black |   |
| 3280               | PVC | Black |  |
| 60080              | PVC | Grey  |                                                                                       |

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