

## SUMMARY

### # Wires

Low voltage 3

Series 0B  
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 [FGG.0B.303.CLAD32](#)



Image is for illustrative purpose only

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model HH\*: Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated)  
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 PV : Watertight / Vacuum-tested  
Weight 6.96 g

### Performance

Configuration 0B.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

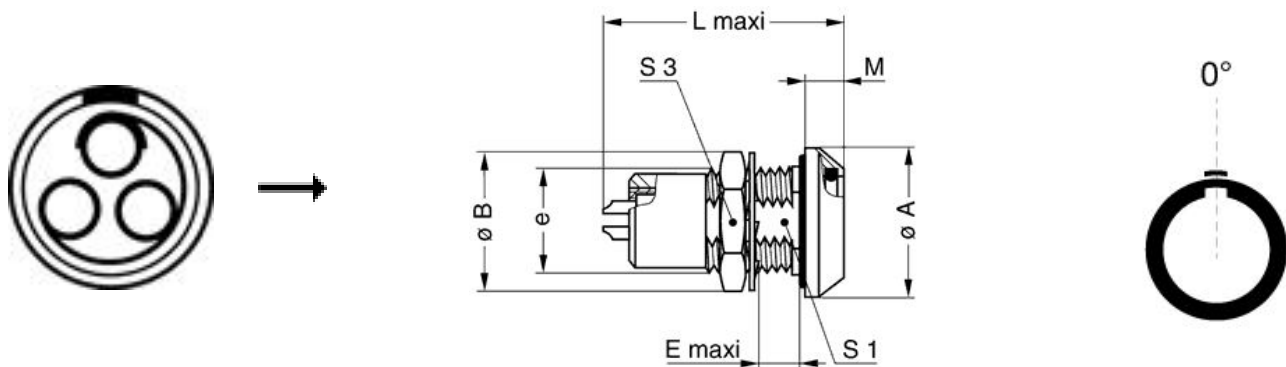
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Vtest (contact-shell): 900 V (AC), 1270 V (DC)  
 Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

## Others

Endurance (Shell): 5000  
 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): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
 Salt Spray Corrosion: >1000 hr  
 Pressure: 60 bars

## DRAWINGS



## Dimensions














|     | A    | B    | E    | L    | M    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 13   | 12.5 | 7    | 23.7 | 4.8  | 8.2  | 11   | M9x0.6 |
| in. | 0,51 | 0,49 | 0,28 | 0,93 | 0,19 | 0,32 | 0,43 |        |

## RECOMMENDED BY LEMO

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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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