

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

|                  |                                    |
|------------------|------------------------------------|
| Series           | 0B                                 |
| Termination type | Female solder                      |
| IP rating        | 50                                 |
| AWG wire size    | 30.00 - 22.00                      |
| Cable Ø          | 2.30 - 3.20 mm                     |
| Status           | active                             |
| Matching parts   | <a href="#">FGG.0B.304.CLAD32Z</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | PH*: Free receptacle, cable collet and nut for fitting a bend relief                                                          |
| 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           | Z : Nut for fitting a bend relief                                                                                             |
| Weight            | 10.40 g                                                                                                                       |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0B.304 : 4 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
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): 6.1 mOhm

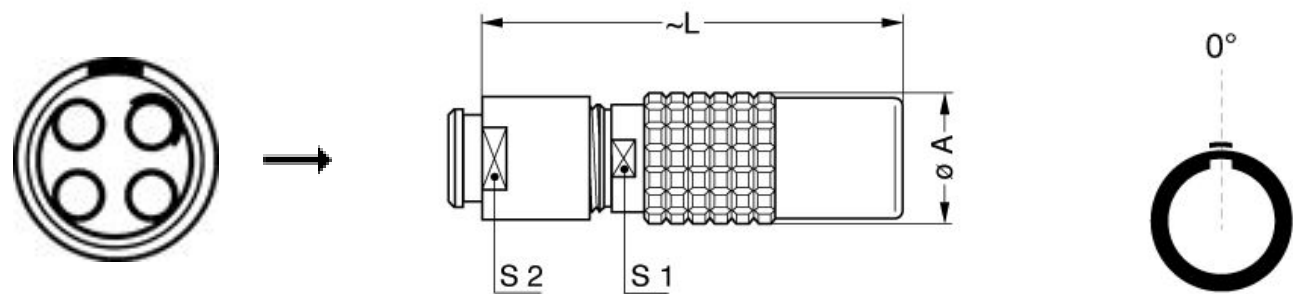
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Vtest (contact-contact): 850 V (AC), 1200 V (DC)  
Vtest (contact-shell): 700 V (AC), 1000 V (DC)

Others

- Endurance (Shell): 5000
- Temp (min / max): -55°C / +250°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: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | L    | S1   | S2   |
|-----|------|------|------|------|
| mm. | 9.5  | 34.5 | 8    | 7    |
| in. | 0,37 | 1,36 | 0,31 | 0,28 |

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.0B.005.PA070](#)

Cables

|                    |     |       |                                                                                     |
|--------------------|-----|-------|-------------------------------------------------------------------------------------|
| CMN.04.T28.031PGCE | PVC | GREY  |   |
| CMN.04.T28.031PGZE |     | Grey  |  |
| CMN.04.T28.031PNCE | PVC | Black |   |
| CMN.04.T28.031PNZE |     |       |  |
| CMN.04.T28.031QGC  | TPR | Grey  |                                                                                     |
| 4041               | PVC | Grey  |   |
| 4050               | PVC | Black |   |

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