

## SUMMARY

### # Wires

|             |   |
|-------------|---|
| Low voltage | 3 |
|-------------|---|



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 0B                             |
| Termination type | Male solder                    |
| IP rating        | 50                             |
| AWG wire size    | 28.00 - 20.00                  |
| Cable Ø          | 4.30 - 5.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGB.0B.303.CLL</a> |

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[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a bend relief  |
| Keying            | 2 keys (alpha=60, 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            | 8.31 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                      |

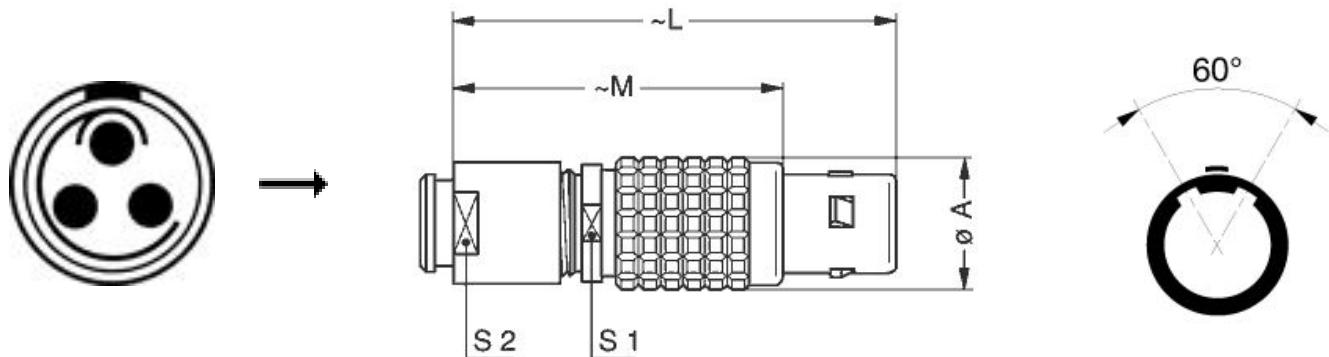
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Vtest (contact-shell): 900 V (AC), 1270 V (DC)  
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

## Others

Endurance (Shell): 5000  
Temp (min / max): -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    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 9.5  | 35   | 25   | 8    | 7    |
| in. | 0,37 | 1,38 | 0,98 | 0,31 | 0,28 |

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench:

[DCD.0B.005.PA070](#)

## Cables

|        |     |       |   |
|--------|-----|-------|---|
| 130240 | PVC | Black |  |
| 130250 | PVC | Grey  |  |
| 30260  | PVC | Black |  |
| 3220   | PVC | Black |  |
| 60080  | PVC | Grey  |   |

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