

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 3

Series 0B  
Termination type Male crimp  
IP rating 50  
AWG wire size 24.00 - 20.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGJ.0B.303.CYMD42](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
Keying 2 keys (gamma=45, plug: female contacts, receptacle: male 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  
Weight 5.30 g

### Performance

Configuration 0B.303 : 3 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 8 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 30 N  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.1 mm (0.043in)  
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)

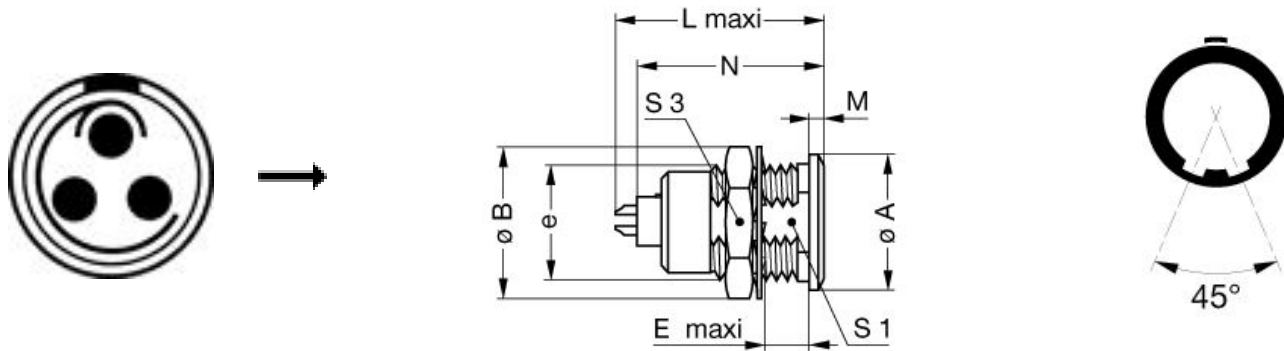
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Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## 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    | B    | E    | L    | M    | N    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.5 | 7    | 20.7 | 1.2  | 19.1 | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,81 | 0,05 | 0,75 | 0,32 | 0,43 |        |







## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
 Crimp settings: AWG/Selector = 20-22-24/6-5-5  
 Positionner: [DCE.91.070.BVC](#)  
 Extractor: [DCF.91.090.2LT](#)  
 Replacement contact: FGG.0B.560.ZZC

## Cables

|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.03.B12.113PLZ  |     |       |   |
| CMN.03.T20.049PGZE |     | Grey  |    |
| CMN.03.T20.049PNZE |     |       |    |
| 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  |     |
| 230500             | PVC | Grey  |     |
| 230750             | 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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