

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series 0B  
Termination type Male crimp  
IP rating 50  
AWG wire size 26.00 - 22.00  
Cable Ø 4.30 - 5.20 mm  
Status active  
Matching parts [EGB.0B.304.CYM](#)

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## 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 9.80 g

### Performance

Configuration 0B.304 : 4 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 7 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 22 N  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)

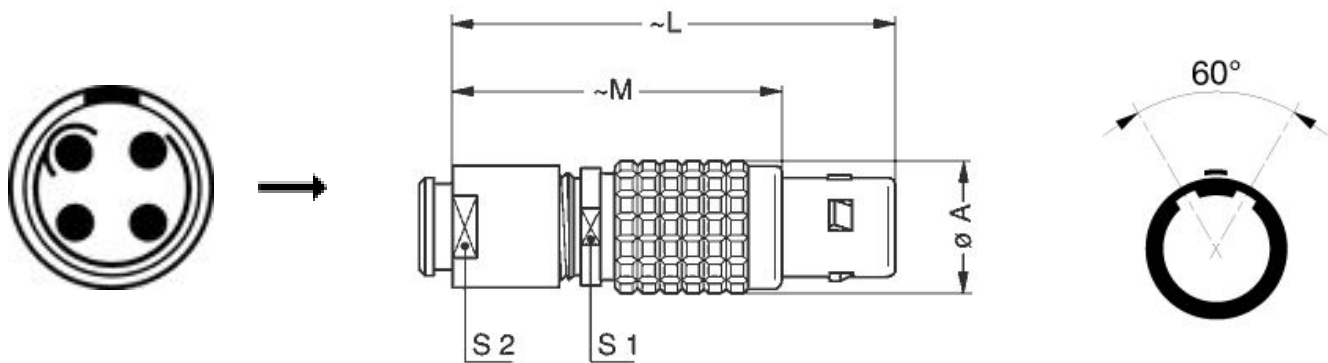
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R (max): 6.1 mOhm  
 Vtest (contact-contact): 1350 V (AC), 1910 V (DC)  
 Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

## 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

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## Tools

|                      |                                  |
|----------------------|----------------------------------|
| Crimp Tool:          | <a href="#">DPC.91.701.V</a>     |
| Crimp settings:      | AWG/Selector = 22-24-26/6-5-5    |
| Positionner:         | <a href="#">DCE.91.070.BVC</a>   |
| Extractor:           | <a href="#">DCF.92.070.3LT</a>   |
| Replacement contact: | FGG.0B.555.ZZC                   |
| Spanner wrench:      | <a href="#">DCD.0B.005.PA070</a> |

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.04.T22.047QGC  | TPR           | Grey  |   |
| CMN.04.T22.048QGZE | TPR (medical) | Grey  |  |
| 140240             | PVC           | Black |  |
| 140250             | PVC           | Grey  |   |
| 40260              | PVC           | Black |  |
| 4080               | PVC           | Grey  |   |
| 4221               | PVC           | Black |  |
| 4280               | PVC           | Black |  |
| 80080              | PVC           | Grey  |   |
| 80082              | PVC           | Red   |   |
| 80084              | PVC           | Black |   |

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