

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 0B  
Termination type Male crimp  
IP rating 50  
AWG wire size 26.00 - 22.00  
Cable Ø 1.40 - 2.20 mm  
Status active  
Matching parts [EGG.0B.305.CYM](#)

### Download

[Request a quote](#)  
[Catalog](#)  
[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, 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

### Performance

Configuration 0B.305 : 5 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 6.5 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)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

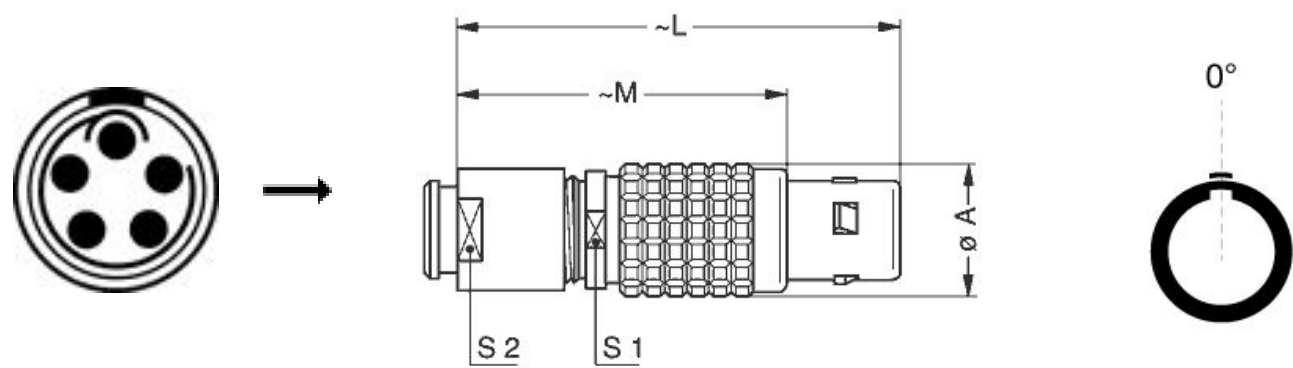
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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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|                      |                                         |
|----------------------|-----------------------------------------|
| Crimp Tool:          | <a href="#"><u>DPC.91.701.V</u></a>     |
| Crimp settings:      | AWG/Selector = 22-24-26/6-5-5           |
| Positionner:         | <a href="#"><u>DCE.91.070.BVC</u></a>   |
| Extractor:           | <a href="#"><u>DCF.92.070.3LT</u></a>   |
| Replacement contact: | FGG.0B.555.ZZC                          |
| Spanner wrench:      | <a href="#"><u>DCD.0B.005.PA070</u></a> |
| Caps:                | <a href="#"><u>BFG.0B.100.PCSG</u></a>  |

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