

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series 2B  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 5.30 - 6.20 mm  
Status active  
Matching parts [EGG.2B.310.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FP\*: Elbow (90°) plug with cable collet for 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 44.69 g

### Performance

Configuration 2B.310 : 10 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.: 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): 4.8 mOhm

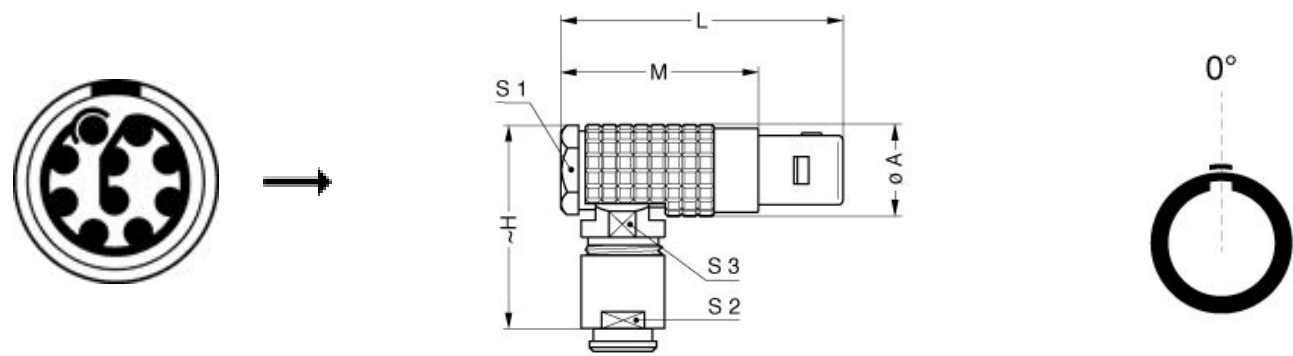
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Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|
| mm. | 15   | 33.6 | 41.5 | 29.5 | 13.5 | 12   | 13   |
| in. | 0,59 | 1,32 | 1,63 | 1,16 | 0,53 | 0,47 | 0,51 |


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Tools

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Spanner wrench: [DCD.2B.025.PA120](#)

Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.10.T28.053QGZE | TPR (medical) | Grey  |  |
| 110240             | PTFE          | White |  |
| 110280             | PVC           | Black |  |
| 210140             | PVC           | Grey  |  |

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