

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 1B
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 [EGG.1B.302.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FS*: Adjustable right angle Anglissimo plug (8 selective positions) with 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 1B.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 15 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)

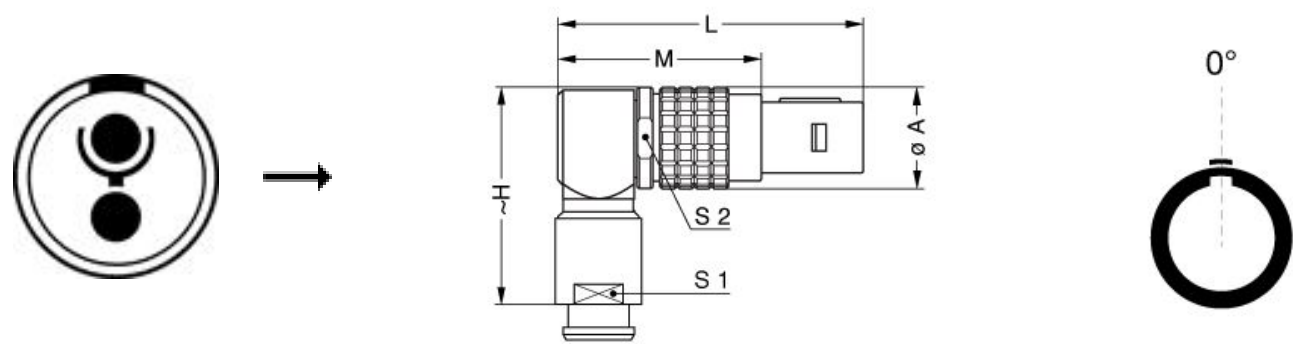
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Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

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)
- Note: Cable diameter is specific for Anglissimo to enable easy termination of connector
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | H | L | M | S1 | S2 |
|-----|------|------|------|------|------|------|
| mm. | 12 | 30.8 | 36.5 | 25.5 | 9 | 11 |
| in. | 0,47 | 1,21 | 1,44 | 1,00 | 0,35 | 0,43 |








RECOMMENDED BY LEMO

Tools

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Spanner 2: [DCP.91.FSG.TN](#)
Spanner wrench: [DCD.1B.015.PA090](#)

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.02.T20.047PGZE | | Grey |  |
| CMN.02.T20.047PNZE | | |  |
| CMN.02.T20.048QGZE | TPR (medical) | Grey |  |
| 120240 | PVC | Black |  |
| 120250 | PVC | Grey |  |
| 120501 | PVC | Grey |  |
| 2221 | PVC | Black |  |
| 4082 | PVC | Grey | |

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