

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 0B |
| Termination type | Male crimp |
| IP rating | 50 |
| AWG wire size | 24.00 - 20.00 |
| Cable Ø | 1.40 - 2.20 mm |
| Status | active |
| Matching parts | EGG.0B.302.CYM |

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[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.302 : 2 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 10 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 ² (AWG 24) |
| Max. Conductor: 0.5 mm ² (AWG 20) |
| R (max): 4.8 mOhm |
| Vtest (contact-shell): 1200 V (AC), 1700 V (DC) |

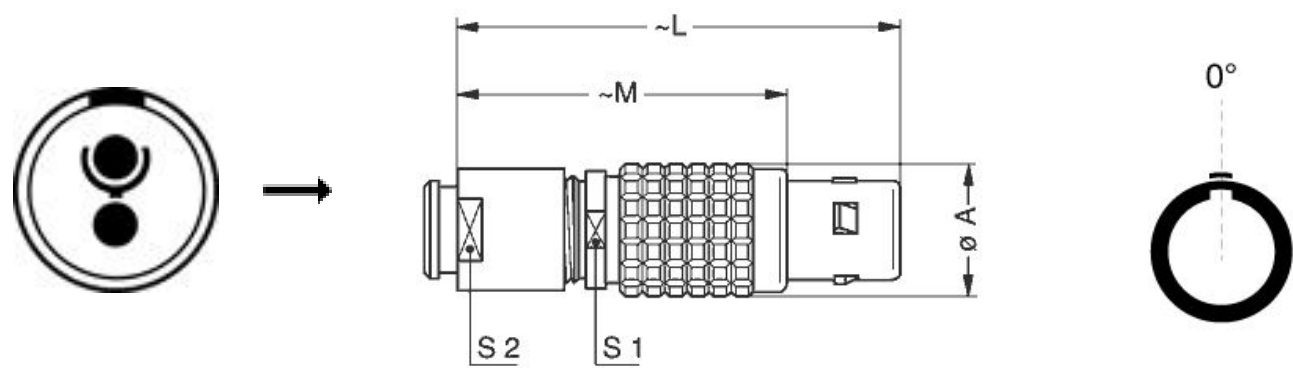
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Vtest(contact-contact): 1450 V (AC), 2100 V (DC)

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: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [DCE.91.090.BVC](#)
Extractor: [DCF.91.090.2LT](#)
Replacement contact: FGG.0B.560.ZZC
Spanner wrench: [DCD.0B.005.PA070](#)
Caps: [BFG.0B.100.PCSG](#)

Cables

| | | | |
|----------------|-----|-------|---|
| 20550 | PUR | Black |  |
| 20560 | PUR | White |  |
| CMB.02.210.635 | PUR | Black | |

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