

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 0B |
| Termination type | Female crimp |
| IP rating | 50 |
| AWG wire size | 26.00 - 22.00 |
| Cable Ø | 2.30 - 3.20 mm |
| Status | active |
| Matching parts | FGG.0B.304.CYCD32Z |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle, 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.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 ² (AWG 26) |
| Max. Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |
| Vtest (contact-contact): | 1350 V (AC), 1910 V (DC) |

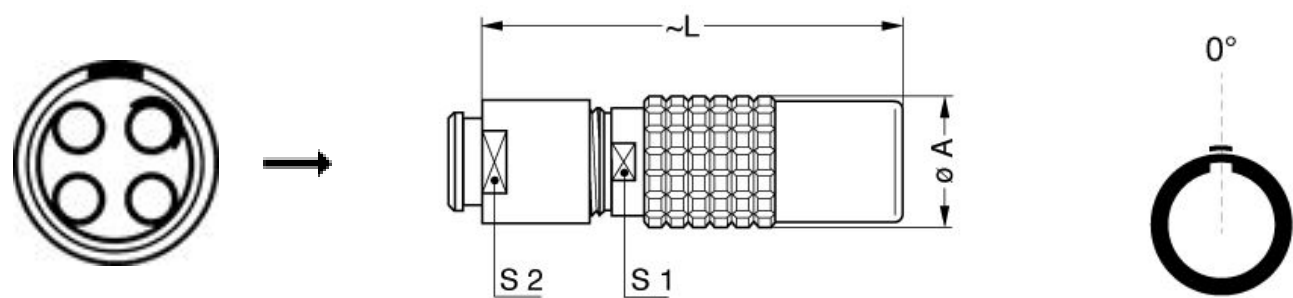
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Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

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 | S1 | S2 |
|-----|------|------|------|------|
| mm. | 9.5 | 34.5 | 8 | 7 |
| in. | 0,37 | 1,36 | 0,31 | 0,28 |

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.070.BVM](#)

Extractor: [DCF.92.070.3LT](#)

Replacement contact: EGG.0B.655.ZZM

Spanner wrench: [DCD.0B.005.PA070](#)

Cables

| | | | |
|--------------------|-----|-------|---|
| CMN.04.T28.031PGCE | PVC | GREY |  |
| CMN.04.T28.031PGZE | | Grey |  |
| CMN.04.T28.031PNCE | PVC | Black |  |
| CMN.04.T28.031PNZE | | |  |
| CMN.04.T28.031QGC | TPR | Grey | |
| 4041 | PVC | Grey |  |
| 4050 | PVC | Black |  |

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