

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 00                                |
| Termination type | Male crimp                        |
| IP rating        | 50                                |
| AWG wire size    | 32.00 - 28.00                     |
| Cable Ø          | 2.80 - 3.50 mm                    |
| Status           | NRND                              |
| Alternative part | <a href="#">FGG.00.302.CYCD35</a> |
| Matching parts   | <a href="#">EGG.00.302.CYM</a>    |

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## 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 | 00.302 : 2 Low Voltage |
| Insulator     |                        |
| Rated Current | 3.5 Amps               |

### Specifications

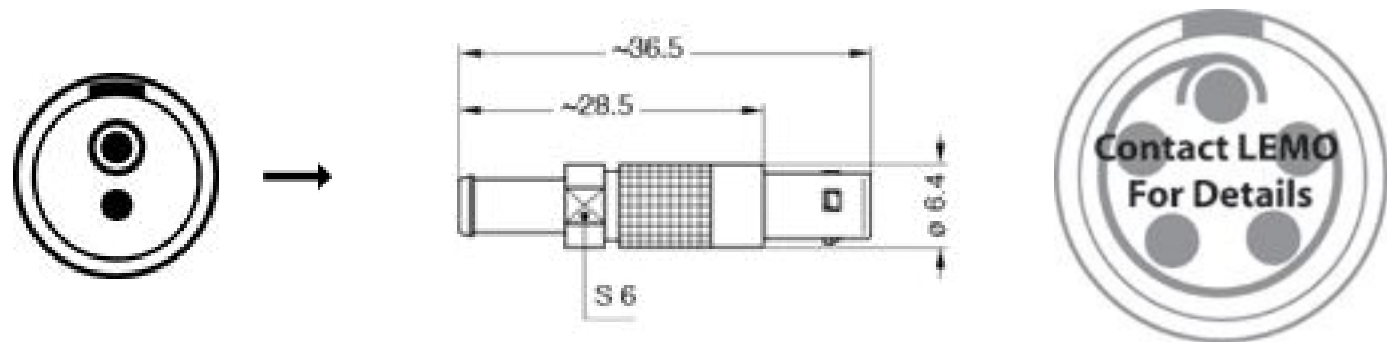
|   |
|---|
| Contact Type: Crimp                               |
| Contact Dia.: 0.5 mm (0.02in)                     |
| Bucket Dia.: 0.45 mm (0.02in)                     |
| Min. Conductor: 0.09 mm <sup>2</sup> (AWG 28)     |
| Max. Conductor: 0.035 mm <sup>2</sup> (AWG 32)    |
| R (max): 8.7 mOhm                                 |
| Vtest (contact-shell): 1200 V (AC), 1700 V (DC)   |
| Vtest (contact-contact): 1150 V (AC), 1630 V (DC) |

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Others

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 6.4  | 28.5 | 20.7 | 5.5  | 6    |
| in. | 0,25 | 1,12 | 0,81 | 0,22 | 0,24 |

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 28-30-32/4-3-3
- Positionner: [DCE.91.050.0VC](#)
- Extractor: [DCF.91.050.2LT](#)
- Replacement contact: FGG.00.554.ZZC
- Caps: [BFG.00.100.PCSG](#)

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Cables

|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.02.T28.030PGCE | PVC | GREY  |  |
| CMN.02.T28.030PGZE |     | Grey  |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE |     |       |  |
| 2080               | PVC | Grey  |   |

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