

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                    |
|------------------|------------------------------------|
| Series           | 00                                 |
| Termination type | Male solder                        |
| IP rating        | 50                                 |
| AWG wire size    | 34.00 - 28.00                      |
| Cable Ø          | 2.80 - 3.50 mm                     |
| Status           | obsolete                           |
| Alternative part | <a href="#">FPG.00.303.CLAD35Z</a> |
| Matching parts   | <a href="#">EGG.00.303.CLL</a>     |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FH*: Elbow 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   |
| Weight            | 6.33 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 00.303 : 3 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 3 Amps                    |

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.4 mm (0.016in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.05 mm<sup>2</sup> (AWG 30)  
R (max): 8.7 mOhm

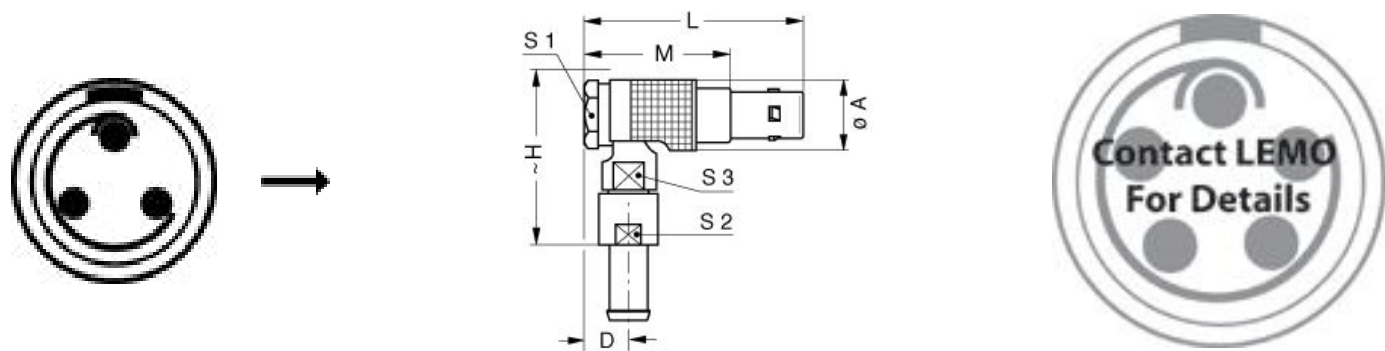
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Vtest (contact-shell): 950 V (AC), 1300 V (DC)  
Vtest (contact-contact): 800 V (AC), 1100 V (DC)

Others

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | D    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|------|
| mm. | 7.7  | 5.2  | 18.5 | 24.5 | 16.5 | 7    | 5    | 5.5  |
| in. | 0,30 | 0,20 | 0,73 | 0,96 | 0,65 | 0,28 | 0,20 | 0,22 |

RECOMMENDED BY LEMO

Tools

Cables

|                    |     |       |  |
|--------------------|-----|-------|--|
| CMN.03.T28.031PGCE | PVC | GREY  |  |
| CMN.03.T28.031PGZE |     | Grey  |  |
| CMN.03.T28.031PNCE | PVC | Black |  |

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|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.03.T28.031PNZE |     |       |  |
| 3050               | PVC | Black |  |
| 3081               | PVC | Black |   |

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