

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

|                  |                                    |
|------------------|------------------------------------|
| Series           | 00                                 |
| Termination type | Female solder                      |
| IP rating        | 50                                 |
| AWG wire size    | 34.00 - 28.00                      |
| Cable Ø          | 0.00 - 0.00 mm                     |
| Status           | active                             |
| Matching parts   | <a href="#">FGG.00.304.CLAD35Z</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing (back panel mounting)                                                                       |
| 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 |
| Weight            | 3.02 g                                                                                                                        |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 00.304 : 4 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps                    |

### Specifications

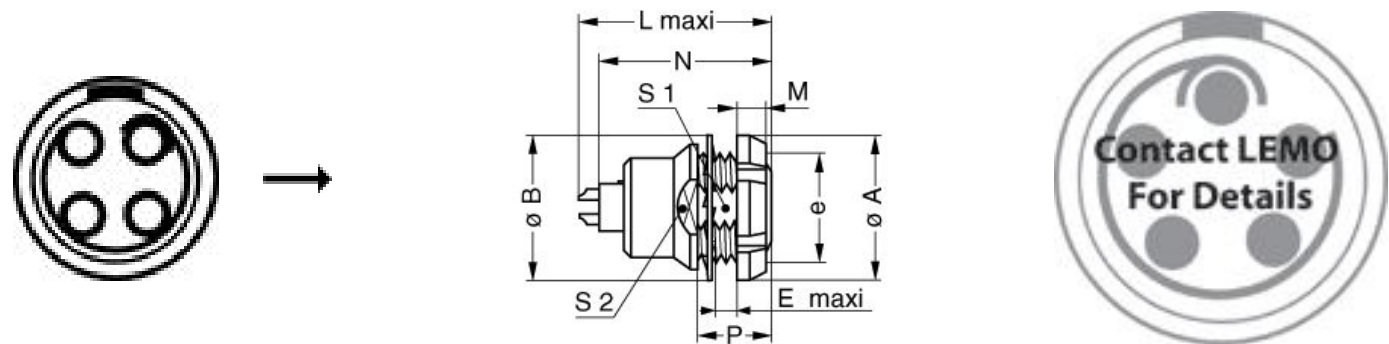
|                                                        |
|--------------------------------------------------------|
| Contact Type: Solder                                   |
| Contact Dia.: 0.5 mm (0.02in)                          |
| Bucket Dia.: 0.4 mm (0.016in)                          |
| Max. 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                                      |
| Vtest (contact-shell): 650 V (AC), 920 V (DC)          |
| Vtest (contact-contact): 800 V (AC), 1130 V (DC)       |

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Others

Salt Spray Corrosion: >1000 hr  
12NC part number: 4022.438.73100

DRAWINGS



Dimensions

|     | A    | B    | E    | L    | M    | N    | P    | S1   | S2   | e      |
|-----|------|------|------|------|------|------|------|------|------|--------|
| mm. | 10   | 9.5  | 2.3  | 15.5 | 2.5  | 13.7 | 6    | 6.3  | 7.5  | M7x0.5 |
| in. | 0,39 | 0,37 | 0,09 | 0,61 | 0,10 | 0,54 | 0,24 | 0,25 | 0,30 |        |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [Socket for torque wrench DCM.00.M07.4](#)

Cables

|                    |     |       |  |
|--------------------|-----|-------|--|
| CMN.04.T28.031PGCE | PVC | GREY  |  |
| CMN.04.T28.031PGZE |     | Grey  |  |
| CMN.04.T28.031PNCE | PVC | Black |  |

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|                    |     |       |                                                                                     |
|--------------------|-----|-------|-------------------------------------------------------------------------------------|
| CMN.04.T28.031PNZE |     |       |  |
| CMN.04.T28.031QGC  | TPR | Grey  |                                                                                     |
| 40080              | PVC | Black |                                                                                     |
| 40086              | PVC | Blue  |                                                                                     |
| 4041               | PVC | Grey  |   |
| 4050               | PVC | Black |  |
| 4080               | PVC | Grey  |                                                                                     |
| 417920             | PVC | Grey  |   |
| 4280               | PVC | Black |  |
| 80080              | PVC | Grey  |                                                                                     |
| 80082              | PVC | Red   |                                                                                     |
| 80084              | PVC | Black |                                                                                     |
| CTR.75.030.121870G | PVC | Grey  |  |

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