

## SUMMARY



Image is for illustrative purpose only

### # Wires

|         |   |
|---------|---|
| Low     | 4 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

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|                  |                    |
|------------------|--------------------|
| Series           | 00                 |
| Termination type | Female solder      |
| IP rating        | 50                 |
| Cable Ø          | 0.00 - 0.00 mm     |
| Matching parts   | FGB.00.304.CLAD2ZZ |
| Status           |                    |
| Alternative part |                    |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing   |
| Keying            | 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)                         |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | ∅ 0 - 0 mm  |
| Variant           |   |

### Performance

|               |  |
|---------------|--|
| Configuration | 0.304 : 4 Low Voltage                                    |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 2 Amps   |

### Specifications

|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Max. Matings:            | 5000                          |
| 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)

## Others

IP Rating: 50

# DRAWINGS

## Draws



## Dimensions

|     | A    | B    | E    | L    | M    | N    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 8    | 10.3 | 6    | 15.5 | 1    | 13.7 | 6.3  | 9    | M7x0.5 |
| in. | 0,31 | 0,41 | 0,24 | 0,61 | 0,04 | 0,54 | 0,25 | 0,35 |        |

# RECOMMENDED BY LEMO






## Tools

None

## Cables

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

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|                              |            |              |   |
|------------------------------|------------|--------------|---|
| CMN.04.T28.031QGC<br>004 041 | TPR<br>PVC | Grey<br>Grey |   |
| 004 050                      | PVC        | Black        |   |
| 004 080                      | PVC        | Grey         |   |
| 004 280                      | PVC        | Black        |  |
| 040 080                      | PVC        | Black        |   |
| 040 086                      | PVC        | Blue         |   |
| 080 080                      | PVC        | Grey         |   |
| 080 082                      | PVC        | Red          |   |
| 080 084                      | PVC        | Black        |   |
| 417 920                      | PVC        | Grey         |   |
| CTR.75.030.121870G           | PVC        | Grey         |   |