

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

|                  |                        |
|------------------|------------------------|
| Series           | 3B                     |
| Termination type | Coupler/adaptor/bridge |
| IP rating        | 50                     |
| AWG wire size    | 24.00 - 16.00          |
| Cable Ø          | 0.00 - 0.00 mm         |
| Status           | active                 |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | RG*: Fixed coupler, nut fixing, key (G) at the flange end and keys (G,J or M) at the other end                                |
| Keying            | Front side: 1 key (alpha=0, female) ; Other side: 2 keys (alpha=37.5, male)                                                   |
| 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            | 80.93 g                                                                                                                       |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 3B.305 : 5 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 19 Amps                   |

### Specifications

Contact Type: Solder  
Contact Dia.: 1.6 mm (0.06in)  
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

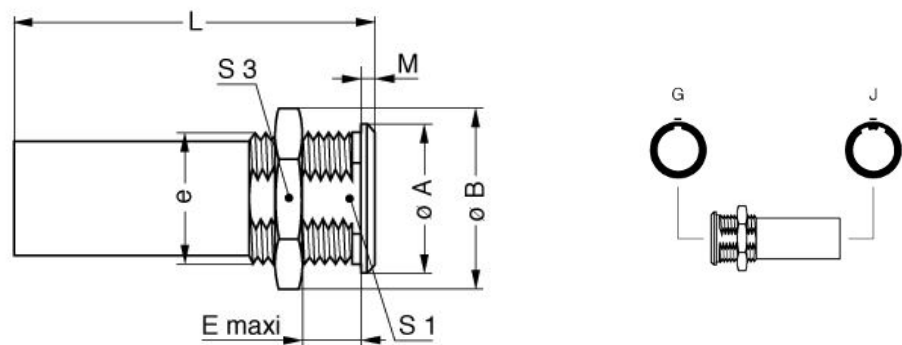
### Others

Endurance (Shell): 5000

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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    | B    | E    | L    | M    | S1   | S3   | e        |
|-----|------|------|------|------|------|------|------|----------|
| mm. | 25   | 27.5 | 32   | 53   | 4    | 18.5 | 24   | M20x1.00 |
| in. | 0,98 | 1,08 | 1,26 | 2,09 | 0,16 | 0,73 | 0,94 |          |

## RECOMMENDED BY LEMO

### Tools

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