

## SUMMARY

### # Wires

|             |   |
|-------------|---|
| Low voltage | 2 |
|-------------|---|



*Image is for illustrative purpose only*

|                  |                        |
|------------------|------------------------|
| Series           | 1B                     |
| Termination type | Coupler/adaptor/bridge |
| IP rating        | 50                     |
| AWG wire size    | 20.00 - 18.00          |
| 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: 1 key (alpha=0, female)                                                     |
| 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            | 32.68 g                                                                                                                       |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1B.302 : 2 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 15 Amps                   |

### Specifications

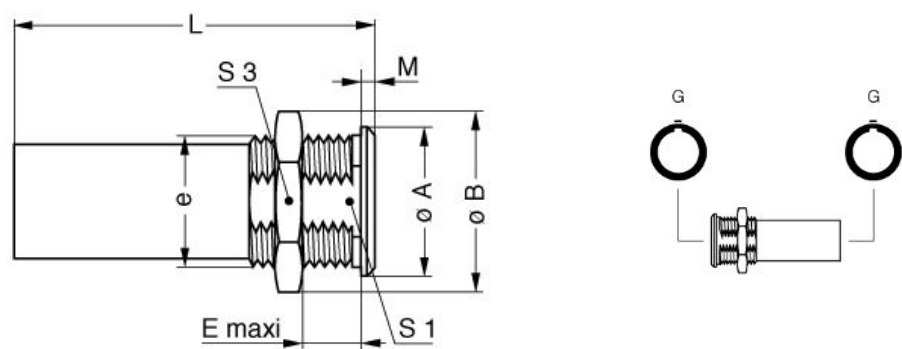
|                          |                          |
|--------------------------|--------------------------|
| Contact Type:            | Crimp                    |
| Contact Retention:       | 40 N                     |
| Contact Dia.:            | 1.3 mm (0.05in)          |
| Vtest (contact-shell):   | 1450 V (AC), 2100 V (DC) |
| Vtest (contact-contact): | 1700 V (AC), 2400 V (DC) |

### Others

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Endurance (Shell): 5000  
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    | Lmax | M    | S1   | S3   | e        |
|-----|------|------|------|------|------|------|------|----------|
| mm. | 16   | 19.5 | 8.5  | 47   | 2.5  | 12.5 | 17   | M14x1.00 |
| in. | 0,63 | 0,77 | 0,33 | 1,85 | 0,10 | 0,49 | 0,67 |          |

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

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