

## SUMMARY

### # Wires

|             |    |
|-------------|----|
| Low voltage | 10 |
|-------------|----|



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2B                                |
| Termination type | Female solder                     |
| IP rating        | 50                                |
| AWG wire size    | 30.00 - 22.00                     |
| Cable Ø          | 8.30 - 9.20 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FZA.2B.310.CLAD92</a> |

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)  |
| Keying            | 2 keys (alpha=30, 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            | 30.63 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2B.310 : 10 Low Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 8 Amps                    |

### Specifications

|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Contact Dia.:            | 0.9 mm (0.035in)              |
| Bucket Dia.:             | 0.8 mm (0.031in)              |
| Max. Solid Conductor:    | 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):                 | 4.8 mOhm                      |
| Vtest (contact-shell):   | 1300 V (AC), 1840 V (DC)      |
| Vtest (contact-contact): | 1450 V (AC), 2050 V (DC)      |

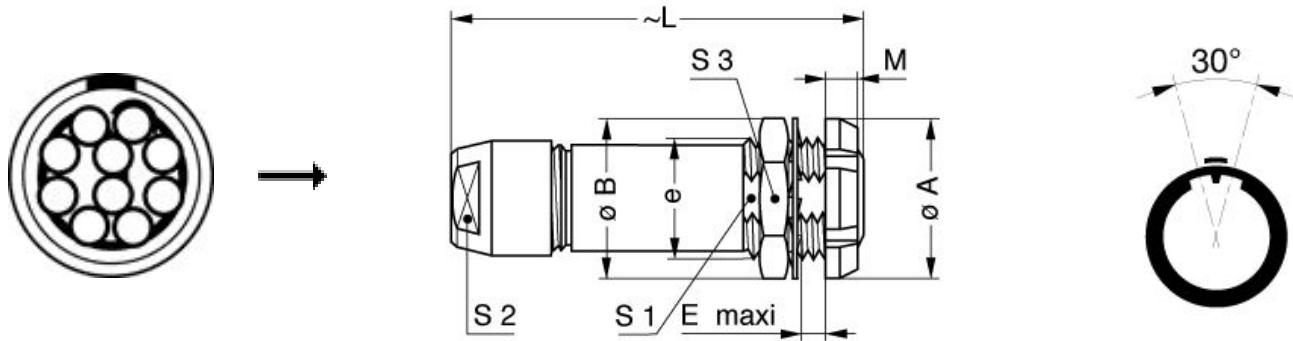
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Others

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    | L    | M    | S1   | S2   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20   | 20   | 6.5  | 47   | 3.5  | 13.5 | 12   | 17   | M15x1.0 |
| in. | 0,79 | 0,79 | 0,26 | 1,85 | 0,14 | 0,53 | 0,47 | 0,67 |         |

---

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2B.025.PA120](#)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

*LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*