

## SUMMARY

### # Wires

Low voltage 24



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 4B                             |
| Termination type | Male crimp                     |
| IP rating        | 50                             |
| AWG wire size    | 24.00 - 20.00                  |
| Cable Ø          | 13.60 - 15.00 mm               |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.4B.324.CYM</a> |

### Download

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a bend relief  |
| 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 |
| Variant           | Z : Nut for fitting a bend relief   |
| Weight            | 117.13 g  |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 4B.324 : 24 Low Voltage    |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 7 Amps                     |

### Specifications

|                    |                               |
|--------------------|-------------------------------|
| Contact Type:      | Crimp                         |
| Contact Retention: | 30 N                          |
| Contact Dia.:      | 0.9 mm (0.035in)              |
| Bucket Dia.:       | 1.1 mm (0.043in)              |
| Min. Conductor:    | 0.25 mm <sup>2</sup> (AWG 24) |
| Max. Conductor:    | 0.5 mm <sup>2</sup> (AWG 20)  |

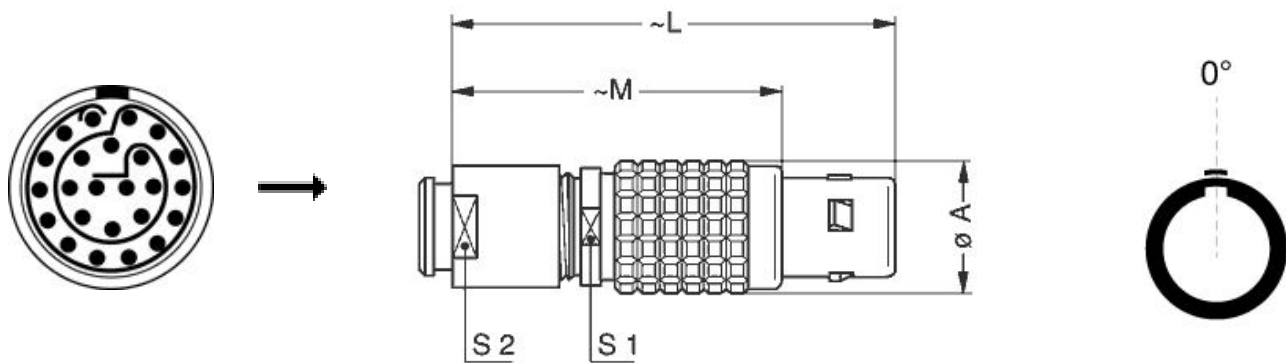
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

R (max): 4.8 mOhm  
 Vtest (contact-shell): 2050 V (AC), 2900 V (DC)  
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

## 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    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 25   | 71   | 53   | 21   | 20   |
| in. | 0,98 | 2,80 | 2,09 | 0,83 | 0,79 |

## RECOMMENDED BY LEMO

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.

## Tools

|                      |                                |
|----------------------|--------------------------------|
| Crimp Tool:          | <a href="#">DPC.91.701.V</a>   |
| Crimp settings:      | AWG/Selector = 20-22-24/6-5-5  |
| Positionner:         | <a href="#">DCE.91.094.BVC</a> |
| Extractor:           | <a href="#">DCF.91.093.5LT</a> |
| Replacement contact: | FGG.4B.560.ZZC                 |
| Caps:                | <a href="#">BFG.4B.100.NAS</a> |

## Cables

*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.*