

## SUMMARY

### # Wires

Low voltage 24


*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 4E                             |
| Termination type | Male solder                    |
| IP rating        | 68                             |
| AWG wire size    | 30.00 - 22.00                  |
| Cable Ø          | 9.10 - 9.50 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.4E.324.CLL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet and nut for fitting a bend relief   |
| Keying            | Hermaphroditic keying (half moon insert) with male pin 1  |
| 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            | 152.24 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 4E.324 : 24 Low Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

|                       |                               |
|-----------------------|-------------------------------|
| Contact Type:         | Solder                        |
| Contact Dia.:         | 0.9 mm (0.0354in)             |
| Bucket Dia.:          | 0.8 mm (0.031in)              |
| Max. Solid Conductor: | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):              | 4.8 mOhm                      |
| Vtest:                | 2100 V (AC), 2970 V (DC)      |

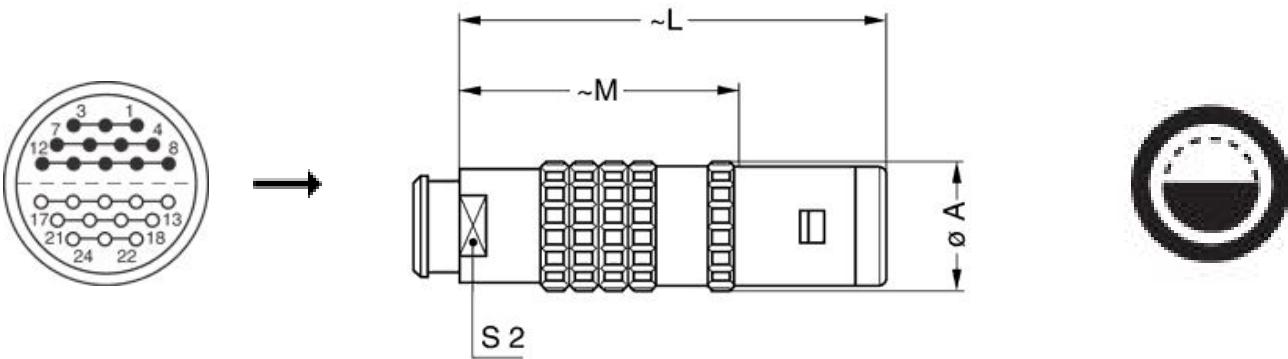
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## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 25   | 71   | 50.5 | 19   |
| in. | 0,98 | 2,80 | 1,99 | 0,75 |

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.4E.050.PA190](#)

Caps: [BFA.4E.100.NAS](#)

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## Cables

|        |     |      |  |
|--------|-----|------|--|
| 248080 | PVC | Grey |  |
|--------|-----|------|--|

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