

## SUMMARY

### # Wires

Low voltage 3



Image is for illustrative purpose only

Series 2K  
Termination type Male crimp  
IP rating 68  
AWG wire size 18.00 - 14.00  
Cable Ø 8.10 - 8.50 mm  
Status active  
Matching parts [EGG.2K.303.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FH\*: Elbow 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 62.23 g

### Performance

Configuration 2K.303 : 3 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 17 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 50 N  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.9 mm (0.075in)  
Min. Conductor: 1 mm<sup>2</sup> (AWG 18)  
Max. Conductor: 1.5 mm<sup>2</sup> (AWG 14)

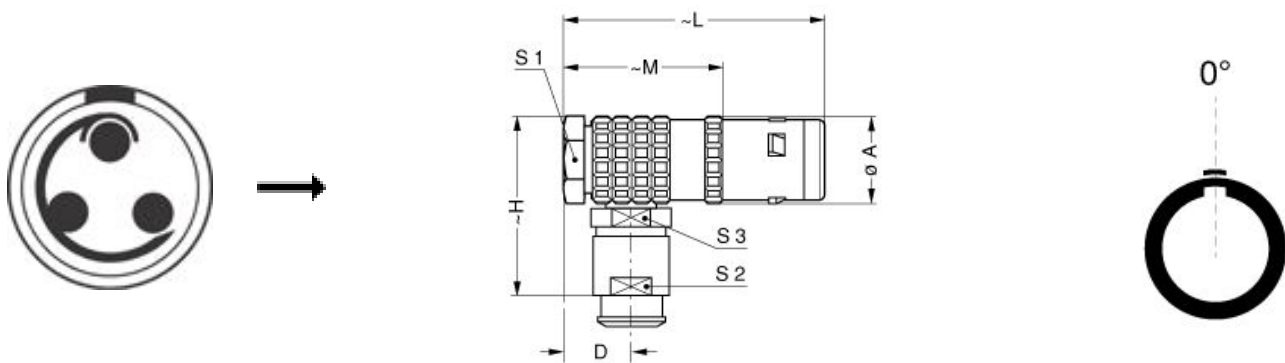
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R (max): 3.5 mOhm  
 Vtest (contact-shell): 1900 V (AC), 2700 V (DC)  
 Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

## 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

## DRAWINGS



## Dimensions

|     | A    | D    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|
| mm. | 17.5 | 10.5 | 51   | 35   | 15   | 12   | 13   |
| in. | 0,69 | 0,41 | 2,01 | 1,38 | 0,59 | 0,47 | 0,51 |

## RECOMMENDED BY LEMO

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## Tools

|                      |                                  |
|----------------------|----------------------------------|
| Crimp Tool:          | <a href="#">DPC.91.101.A</a>     |
| Crimp settings:      | AWG/Selector = 14-16-18/7-6-5    |
| Positionner:         | <a href="#">DCE.91.162.BVCM</a>  |
| Extractor:           | <a href="#">DCF.91.162.2LT</a>   |
| Replacement contact: | FGG.2B.570.ZZC                   |
| Spanner wrench:      | <a href="#">DCD.2E.020.PA120</a> |

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