

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2K                                |
| Termination type | Female crimp                      |
| IP rating        | 68                                |
| AWG wire size    | 26.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.2K.314.CYCC80</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing   |
| 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 |
| Weight            | 36.65 g   |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2K.314 : 14 Low Voltage    |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 6.5 Amps                   |

### Specifications

|                        |                               |
|------------------------|-------------------------------|
| Contact Type:          | Crimp                         |
| Contact Retention:     | 22 N                          |
| Contact Dia.:          | 0.7 mm (0.028in)              |
| Bucket Dia.:           | 0.8 mm (0.031in)              |
| Min. Conductor:        | 0.14 mm <sup>2</sup> (AWG 26) |
| Max. Conductor:        | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):               | 6.1 mOhm                      |
| Vtest (contact-shell): | 1950 V (AC), 2750 V (DC)      |

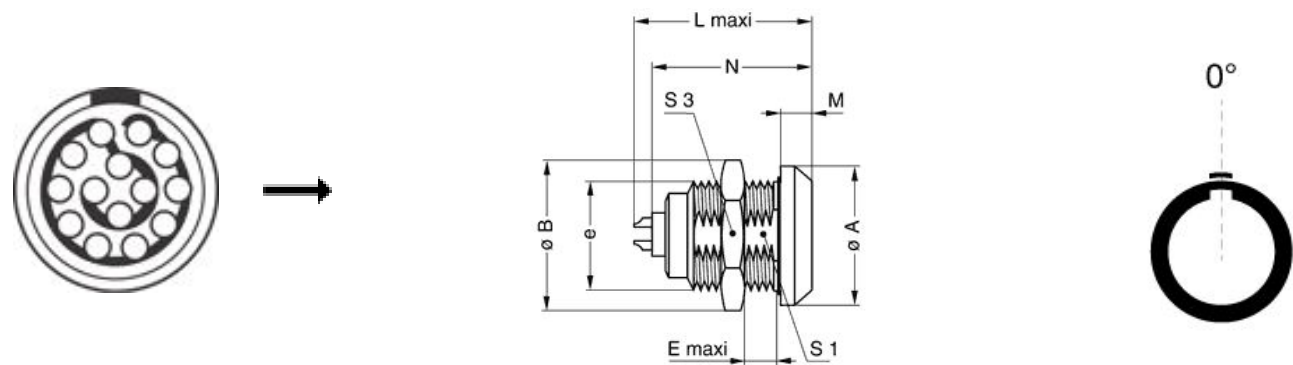
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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    | B    | E    | L    | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 25   | 27.5 | 9    | 30.7 | 5    | 28.6 | 18.5 | 24   | M20x1.0 |
| in. | 0,98 | 1,08 | 0,35 | 1,21 | 0,20 | 1,13 | 0,73 | 0,94 |         |

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Tools

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


Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.072.BVM](#)

Extractor: [DCF.91.070.2LT](#)

Replacement contact: EGG.2B.655.ZZM

### Cables

|                    |               |       |  |
|--------------------|---------------|-------|--|
| CMN.14.T22.068PGCE | PVC           | GREY  |   |
| CMN.14.T22.068PGZE |               | Grey  |   |
| CMN.14.T22.068PNCE | PVC           | Black |   |
| CMN.14.T22.068PNZE |               |       |   |
| CMN.14.T28.056PGZE |               | Grey  |   |
| CMN.14.T28.056PNZE |               |       |   |
| CMN.14.T28.056QGZE | TPR (medical) | Grey  |   |
| 114260             | PTFE          | White |   |
| 214140             | PVC           | Black |   |
| 214240             | PTFE          | White |   |
| 314250             | PVC           | Grey  |  |

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