

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 2B                             |
| Termination type | Male crimp                     |
| IP rating        | 50                             |
| AWG wire size    | 24.00 - 20.00                  |
| Cable Ø          | 0.00 - 0.00 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.2B.308.CYM</a> |

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | FW*: Fixed plug, 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            | 19.11 g                                                                                                                       |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2B.308 : 8 Low Voltage     |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 10 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)    |
| R (max): 4.8 mOhm                               |
| Vtest (contact-shell): 1950 V (AC), 2800 V (DC) |

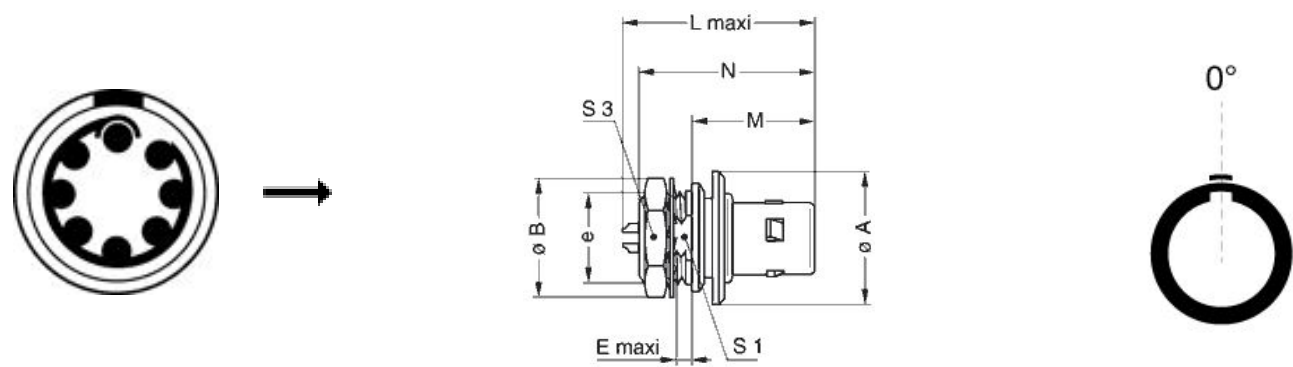
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Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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    | B    | E    | L    | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 19.5 | 19.5 | 4.1  | 28.6 | 18   | 27.3 | 13.5 | 17   | M15x1.0 |
| in. | 0,77 | 0,77 | 0,16 | 1,13 | 0,71 | 1,07 | 0,53 | 0,67 |         |

RECOMMENDED BY LEMO

Tools

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

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Extractor: [DCF.92.090.3LT](#)

Replacement contact: FGG.2B.560.ZZC

### Cables

|                    |               |        |                                                                                       |
|--------------------|---------------|--------|---------------------------------------------------------------------------------------|
| CMN.08.T20.067PGCE | PVC           | Grey   |    |
| CMN.08.T20.067PGZE |               | Grey   |    |
| CMN.08.T20.067PNZE |               |        |    |
| CMN.08.T22.059QGC  | TPR           | Grey   |                                                                                       |
| CMN.08.T22.059QGZE | TPR (medical) | Grey   |    |
| CMN.08.T26.042QGZE | TPR (medical) | Grey   |    |
| 108220             | PVC           | Black  |    |
| 108240             | PTFE          | White  |    |
| 108260             | PTFE          | White  |    |
| 16080              | PVC           | Grey   |                                                                                       |
| 180240             | PVC           | Black  |  |
| 180260             | PVC           | Black  |  |
| 280250             | PVC           | Grey   |  |
| 335990             | PVC           | Black  |   |
| 335991             | PVC           | Black  |   |
| 380500             | PVC           | Grey   |  |
| 380750             | PVC           | Grey   |  |
| 42265              | PVC           | Yellow |                                                                                       |
| 80140              | PVC           | Grey   |  |
| 8050               | PVC           | Black  |  |
| 8280               | PVC           | Black  |  |

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