

## SUMMARY

### # Wires

|             |   |
|-------------|---|
| Low voltage | 6 |
| Fluidic     | 2 |



*Image is for illustrative purpose only*

|                  |                  |
|------------------|------------------|
| Series           | 3B               |
| Termination type | Female crimp     |
| IP rating        | 50               |
| AWG wire size    | 0.00 - 0.00      |
| Cable Ø          | 10.80 - 11.90 mm |
| Status           | active           |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)  |
| 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            | 56.24 g   |

### Performance

|               |   |
|---------------|---|
| Configuration | 3B.P23 : 2 Fluidic with valve P1, 6 Low Voltage |
| Insulator     | L: PEEK (UL 94 / V-0/1.5)                       |
| Rated Current |   |

### Specifications

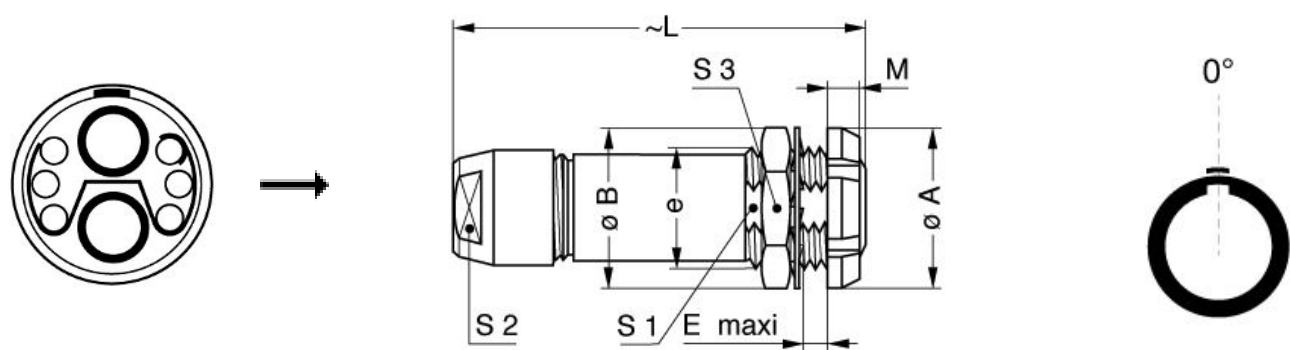
|   |
|---|
| Max pressure: 6 bar (87.02 psi)           |
| Tube Inner Dia.: 1.8 mm (0.070)           |
| Tube Outer Dia.: 3.0 mm (0.118 in.)       |
| Test voltage (kV rms) Contact-contact : 1 |
| Test voltage (kV rms) Contact-shell : 0.8 |

### Others

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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    | S1   | S2   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 24   | 25   | 9    | 56   | 4.5  | 16.5 | 14   | 22   | M18x1.0 |
| in. | 0,94 | 0,98 | 0,35 | 2,20 | 0,18 | 0,65 | 0,55 | 0,87 |         |

## RECOMMENDED BY LEMO

### Tools

- Crimp Tool: [DPC.91.701.V](#)  
Spanner wrench: [DCD.3B.040.PA140](#)

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PFG.3B.P23.CLMD12