

SUMMARY

Wires

| | |
|-------------|----|
| Low voltage | 24 |
|-------------|----|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 3B |
| Termination type | Female solder |
| IP rating | 68 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3B.324.CLAD10 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight |
| 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 | PV : Watertight / Vacuum-tested |
| Weight | 37.38 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 3B.324 : 24 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 4 Amps |

Specifications

| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |

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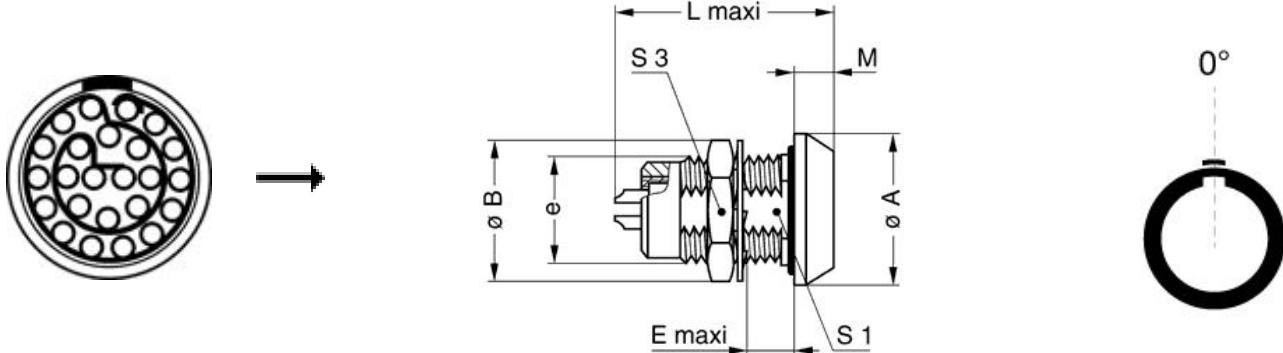
Vtest (contact-shell): 800 V (AC), 1130 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

□

Others

Endurance (Shell): 5000
Temp (min / max): -20 °C / +80 °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: 20/80/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion: >1000 hr
Pressure: 30 bars

DRAWINGS



Dimensions

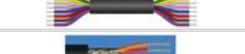
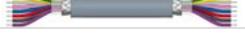
| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 25 | 25 | 11.5 | 36.1 | 4 | 16.5 | 22 | M18x1.0 |
| in. | 0,98 | 0,98 | 0,45 | 1,42 | 0,16 | 0,65 | 0,87 | |

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Tools

Cables

| | | | |
|--------------------|-----|-------|--|
| CMN.24.T22.082PGCE | PVC | GREY |  |
| CMN.24.T22.082PGZE | | Grey |  |
| CMN.24.T22.082PNCE | PVC | Black |  |
| CMN.24.T22.082PNZE | | |  |
| 224260 | PVC | Black |  |
| 248080 | PVC | Grey | |
| 324220 | PVC | Black |  |
| 324240 | PVC | Black |  |
| 424250 | PVC | Grey |  |

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