

SUMMARY

Wires

| | |
|--------------|---|
| Low voltage | 1 |
| High voltage | 2 |



Image is for illustrative purpose only

| | |
|------------------|---------------------------------|
| Series | 1B |
| Termination type | Male solder Hybrid High-Voltage |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 3.10 - 4.20 mm |
| Status | active |
| Matching parts | EGG.1B.731.CJL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight 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 | 16.00 g |

Performance

| | |
|---------------|-----------------------------|
| Configuration | 1B.731 : 2 High V. 1 Low V. |
| Insulator | J: PEEK/PEEK |
| Rated Current | 12 Amps |

Specifications

Contact Type: Solder
Test voltage HV Ue (kV rms) 5.3
Working voltage LV Us (kV rms) 0.4

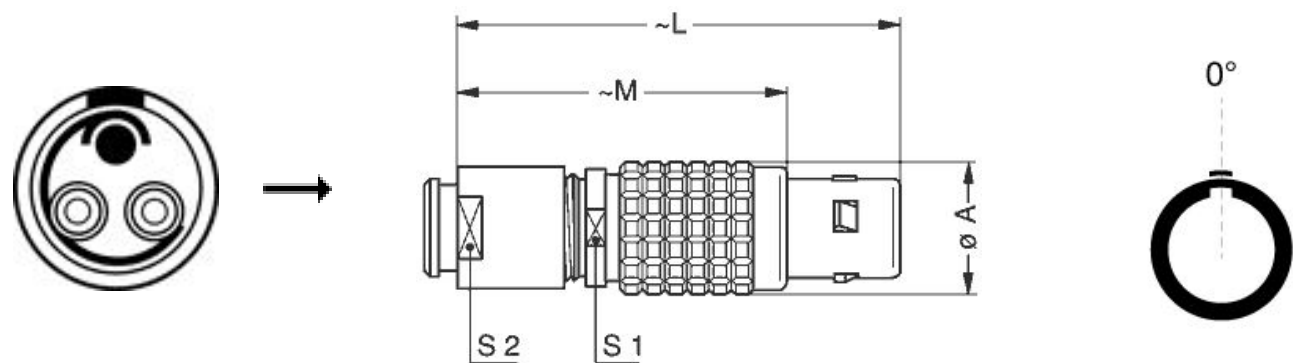
Others

Endurance (Shell): 5000

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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 | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 12 | 42 | 31 | 10 | 9 |
| in. | 0,47 | 1,65 | 1,22 | 0,39 | 0,35 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1B.015.PA090](#)
Caps: [BFG.1B.100.PCSG](#)

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