

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0B |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 34.00 - 28.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGJ.0B.309.CLLD52 |

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| Keying | 2 keys (gamma=45, plug: female contacts, receptacle: male 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 | 4.35 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0B.309 : 9 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps |

Specifications

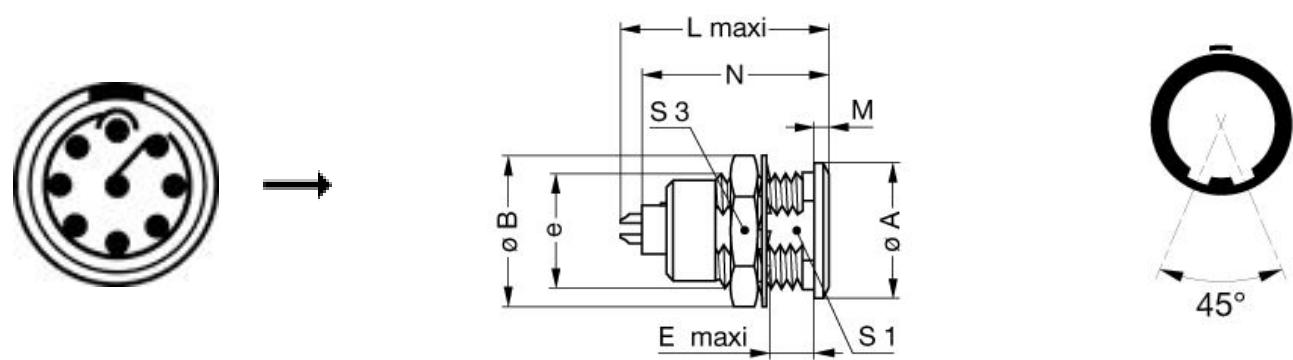
| |
|--|
| Contact Type: Solder |
| Contact Dia.: 0.5 mm (0.02in) |
| Bucket Dia.: 0.45 mm (0.018in) |
| Max. Solid Conductor: 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor: 0.09 mm ² (AWG 28) |
| R (max): 8.7 mOhm |
| Vtest (contact-shell): 500 V (AC), 710 V (DC) |
| Vtest (contact-contact): 600 V (AC), 850 V (DC) |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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. | 10 | 12.5 | 7 | 20.7 | 1.2 | 19.1 | 8.2 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,81 | 0,05 | 0,75 | 0,32 | 0,43 | |

RECOMMENDED BY LEMO

Tools

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables

| | | | |
|--------------------|---------------|------|---|
| CMN.09.T28.050CNQZ | | | |
| CMN.09.T28.051PGZE | | Grey |  |
| CMN.09.T28.051PNZE | | |  |
| CMN.09.T28.051QGZE | TPR (medical) | Grey |  |

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.