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Summary

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| | |
|--------------------------------|------------------|
| Number of contacts Low Voltage | 5 |
| Gender | Standard |
| Plug | Plug - Fixed |
| Locking system | Push-pull |
| Size | 0B |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage | 5 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0B.305 - 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6.5 A |
| Vtest (contact-contact) | 1000 V (AC), 1400 V (DC) |
| Vtest (contact-shell) | 700 V (AC), 990 V (DC) |
| Contact Dia. | 0.7 mm (0.028in) |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FW - Fixed plug, nut fixing |
| Plug | Fixed |
| 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 |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |

Environment

| | |
|-----------------------------------|--|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C (max. temperature valid for short periods of use.) |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

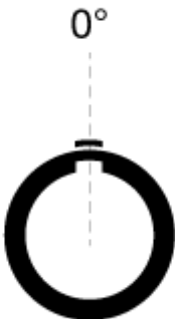
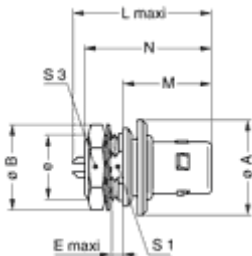
https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fwg-0b-305-cld.html

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Cable fixation

| | |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |

Drawings



Dimensions

| | A | B | e | E | L | M | N | S1 | S2 |
|-----|------|------|--------|------|-------|------|------|------|------|
| mm. | 14 | 12.4 | M9x0.6 | 1.8 | 25.55 | 14.5 | 19.5 | 8.2 | 11 |
| in. | 0.55 | 0.49 | | 0.07 | 1.01 | 0.57 | 0.77 | 0.32 | 0.43 |

Recommended By Lemo

Tools

| | |
|---------|----------------|
| Spanner | DCA.91.161.1TN |
|---------|----------------|