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Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 14 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm |
| Size | 2B |
| Suggested matching part | FGG.2B.314.CLAD92Z |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehg-2b-314-cll.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 14 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 2B.314 - 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6.5 A |
| Vtest (contact-contact) | 1.7 kV (DC) |
| Vtest (contact-shell) | 2 kV (DC) |
| Max. Solid Conductor | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor | 0.34 mm ² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EH - Fixed receptacle, nut fixing and protruding shell |
| Socket / Receptacle | Fixed Panel Front Mounted |
| 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 |
| Weight | 19.23 g |

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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 |

Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 2.00 - 13.60 mm |
|------------------------------------|-----------------|

Drawings














Dimensions

| | e | B | A | L | M | N | S1 | S3 | E |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|
| mm. | M15x1.0 | 19.5 | 18 | 22.7 | 12.5 | 24.6 | 13.5 | 17 | 5.1 |
| in. | | 0.77 | 0.71 | 0.89 | 0.49 | 0.97 | 0.53 | 0.67 | 0.2 |

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.14.T22.068PGCE | PVC | GREY |  |
| CMN.14.T22.068PGZE | | grey |  |
| CMN.14.T22.068PNCE | PVC | Black |  |
| CMN.14.T22.068PNZE | | |  |
| CMN.14.T28.056PGZE | | grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |
| 114260 | PTFE | White |  |
| 214140 | PVC | Black |  |
| 214240 | PTFE | White |  |
| 314250 | PVC | Grey |  |

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