



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 7 |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | 0K |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-0k-307-kllp.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 8.7 mOhm |
| Insert configuration value | 0K.307 - 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 2.5 A |
| Vtest (contact-contact) | 800 V (AC), 1130 V (DC) |
| Vtest (contact-shell) | 700 V (AC), 990 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor | 0.09 mm ² (AWG 28) |
| Bucket Dia. | 0.45 mm (0.018in) |
| Contact Dia. | 0.5 mm (0.02in) |
| Number of contacts Low Voltage | 7 |
| Wire Size/AWG | 34 - 28 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | HG - Fixed receptacle, nut fixing, watertight or vacuum-tight |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Brass (black chrome) 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 | Black |
| Variant | Watertight unmated (connector to device) |
| Weight | 12.61 g |

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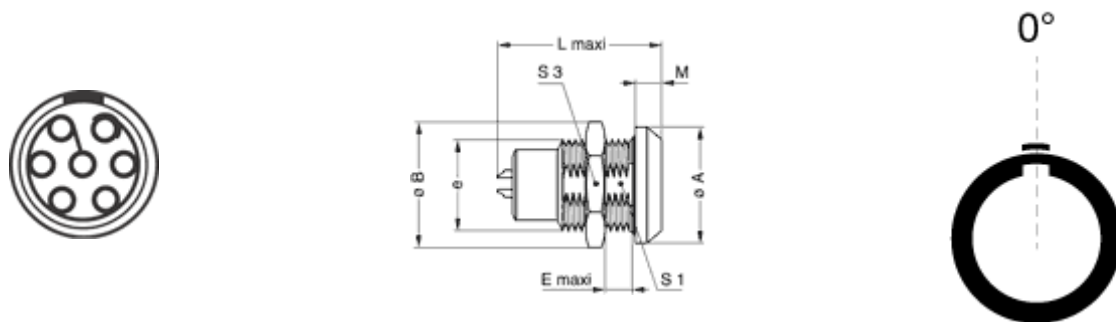
Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -20°C / +100°C |
| Climatical Category | 20/80/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Pressure | 60 bars |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | S3 | A | B | e | E | L | M | S1 |
|-----|------|------|------|---------|------|------|------|------|
| mm. | 17 | 18 | 19.5 | M14x1.0 | 5.5 | 21.7 | 4 | 12.5 |
| in. | 0.67 | 0.71 | 0.77 | | 0.22 | 0.85 | 0.16 | 0.49 |

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Recommended By Lemo

Accessories

Compatible cap

[BRE.0K.200.KAS](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|--|
| CMN.07.T28.044PGZE | | grey |  |
| CMN.07.T28.044PNZE | | |  |
| 7041 | PVC | Grey |  |
| 7050 | PVC | Black |  |
| 717920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |

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