

Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 7 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 7.10 - 7.50 mm |
| Size | 2K |
| Suggested matching part | EGG.2K.307.SLL |
| Series | K - Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-307-slac75.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Number of contacts Low Voltage | 7 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.6 mOhm |
| Insert configuration value | 2K.307 - 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 11 A |
| Vtest (contact-contact) | 2.5 kV (DC) |
| Vtest (contact-shell) | 2.3 kV (DC) |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 1.3 mm (0.051in) |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |

Form & Material

| | |
|------------------------|----------------------------------------------------------------------------------------------------------|
| Shell style / Model id | FG - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Stainless steel 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 | 38.29 g |

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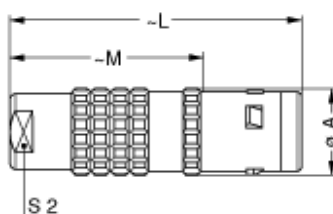
Environment

| | |
|-----------------------------------|-------------------------------------------------------------------|
| Technical domain | Audio Video, Energy and Industrial, Medical, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°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) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |

Cable fixation

| | |
|------------------------------------|----------------------------------------------|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 7.10 - 7.50 mm |

Drawings



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 16 | 52 | 36 | 12 |
| in. | 0.63 | 2.05 | 1.42 | 0.47 |

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Recommended By Lemo

Accessories

Compatible cap [BFG.2K.100.NAS](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|-------------------------------------------------------------------------------------|
| 370500 | PVC | Grey |  |
| 717920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |

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