



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Plug | Plug - Elbow |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 8.30 - 9.20 mm |
| Size | 2B |
| Suggested matching part | EGG.2B.306.CLL |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-2b-306-clyd92.html

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Technical details

Electrical Configuration

| | |
|--------------------------------|---------------------------|
| Insert configuration value | 2B.306 - 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 12 A |
| Contact Type | Special |
| Contact Dia. | 1.3 |
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FP - Elbow (90°) plug with cable collet |
| Plug | Elbow |
| 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 |
| 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 |

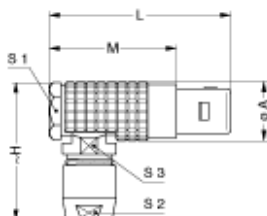
https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-2b-306-clyd92.html

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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 8.30 - 9.20 mm |

Drawings



Dimensions

| | A | H | L | M | S1 | S2 | S3 |
|-----|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 15 | 35 | 41.5 | 29.5 | 13.5 | 12 | 13 |
| in. | 0.59 | 1.38 | 1.63 | 1.16 | 0.53 | 0.47 | 0.51 |

Recommended By Lemo

Accessories

Compatible cap

[BFG.2B.100.PCSG](#)

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