



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Nb of contacts Fluidic | 2 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 7.80 - 9.20 mm |
| Size | 3B |
| Suggested matching part | EGG.3B.028.CLL |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-3b-028-clad92z.html

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Technical details

Electrical Configuration

| | |
|----------------------------|------------------------------------|
| Nb of contacts Fluidic | 2 |
| Insert configuration value | 3B.028 - 2 Fluidic, 16 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Contact Dia. | 0.7 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FG - Straight plug, cable adapter and nut for fitting a bend relief |
| Plug | Straight |
| 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 |
| Variant | Nut for fitting a bend relief |
| Weight | 49.18 g |

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 |

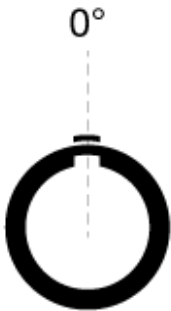
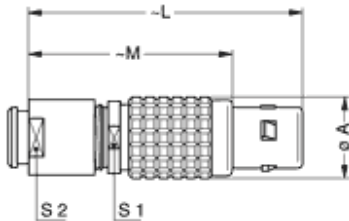
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Cable fixation

| | |
|------------------------------------|-----------------------|
| Cable termination protection | For cable bend relief |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 7.80 - 9.20 mm |

Drawings



Dimensions

| | S1 | M | L | S2 | A |
|-----|------|------|------|------|------|
| mm. | 15 | 41.5 | 56.5 | 15 | 18 |
| in. | 0.59 | 1.63 | 2.22 | 0.59 | 0.71 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BFG.3B.112.NAS |
|----------------|--------------------------------|

Tools

| | |
|----------------|----------------------------------|
| Spanner | DCP.91.023.TN |
| Spanner wrench | DCD.3B.ZZZ.PA150 |