

Standard



Image for illustrative purpose only

Summary

[Request a quote](#)

[BKT series](#)

[See video assembly instructions](#)

| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 5 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.40 - 2.20 mm |
| Size | 0B |
| Suggested matching part | EGG.0B.305.CYM |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-305-cycd22z.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 5 |
| Contact Termination Low voltage | Crimp |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0B.305 - 5 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 5 A |
| Vtest (contact-contact) | 1.8 kV (DC) |
| Vtest (contact-shell) | 1.7 kV (DC) |
| Contact retention | 22 N |
| Max. Conductor | 0.34 mm ² (AWG 22) |
| Min. Conductor | 0.14 mm ² (AWG 26) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FG - Straight plug, cable collet 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 |

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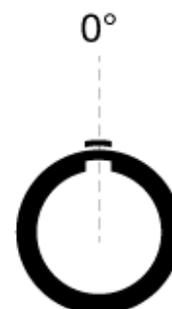
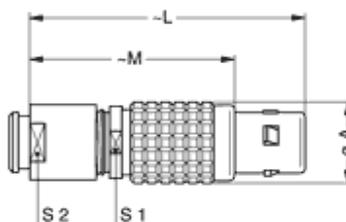
Environment

| | |
|-----------------------------------|--|
| 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.) |
| Climatic Category | 55/175/21 |
| 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

| | |
|------------------------------------|-----------------------|
| Cable termination protection | For cable bend relief |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 1.40 - 2.20 mm |

Drawings



Dimensions

| | S2 | A | L | M | S1 |
|-----|------|------|------|------|------|
| mm. | 7 | 9.5 | 35 | 25 | 8 |
| in. | 0.28 | 0.37 | 1.38 | 0.98 | 0.31 |

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Recommended By Lemo

Accessories

Replacement contact [FGG.0B.555.ZZC](#)

Compatible cap [BFG.0B.100.PCZG](#)

Tools

Spanner [DCP.91.001.TN](#)

Positionner [DCE.91.070.BVC](#)

Extraction tool [DCC.07.04B.LAG](#)

Crimp tool [DPC.91.701.V](#)

Spanner wrench [DCD.0B.ZZZ.PA070](#)

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