



Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 34 - 28 |
| Plug | Plug - Elbow |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.80 - 3.50 mm |
| Matching parts | EGG.00.302.CLL |
| Series | B - Indoor keyed |

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fpg-00-302-clad35.html

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Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 8.7 mOhm |
| Insert configuration value | 0.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 3.5 Amps |
| Vtest (contact-contact) | 1000 V (AC), 1400 V (DC) |
| Vtest (contact-shell) | 950 V (AC), 1340 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor | 0.05 mm ² (AWG 30) |
| Bucket Dia. | 0.4 mm (0.016in) |
| Contact Dia. | 0.5 mm (0.02in) |
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 34 - 28 |

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 | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Weight | 6.08 g |

Environment

| | |
|--------------------------------------|----------------|
| Environmental protection (IP rating) | IP50 |
| Minimal temperature | -55°C / +250°C |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 2.80 - 3.50 mm |

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Recommended By Lemo

Accessories

Tools

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|---|
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 2080 | PVC | Grey | |

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