



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 20 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 10.10 - 10.50 mm |
| Size | 3T |
| Suggested matching part | EGG.3T.320.CLL |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-3t-320-clac11.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 20 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | T.320 - 20 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6 A |
| Vtest (contact-contact) | 1.4 kV (DC) |
| Vtest (contact-shell) | 1.3 kV (DC) |
| Max. Conductor | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor | 0.34 mm ² (AWG 22) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

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

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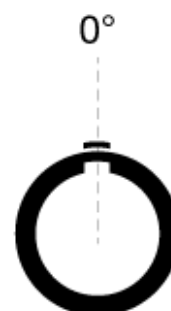
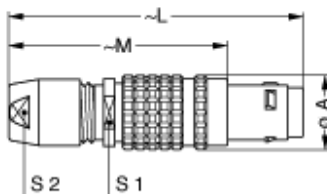
Environment

| | |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP68 |
| Endurance | >3000 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] |
| Resistance to vibration | 15 g [10 Hz - 2000 Hz] |
| Shock Resistance | 100 g [6 ms] |
| 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] | 10.10 - 10.50 mm |

Drawings



Dimensions

| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 18.8 | 64 | 49 | 16 | 14 |
| in. | 0.74 | 2.52 | 1.93 | 0.63 | 0.55 |

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Recommended By Lemo

| Accessories | |
|----------------|--------------------------------|
| Compatible cap | BFG.3T.100.CAS |
| Tools | |
| Spanner | DCP.2T.110.TN |