



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 22 - 14 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 4.60 - 5.00 mm |
| Size | 2T |
| Suggested matching part | EGG.2T.302.CLL |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-302-clac50.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Number of contacts Low Voltage | 2 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.3 mOhm |
| Insert configuration value | T.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 20.5 A |
| Vtest (contact-contact) | 3 kV (DC) |
| Vtest (contact-shell) | 2.9 kV (DC) |
| Max. Solid Conductor | 1.5 mm ² (AWG 14) |
| Max. Stranded Conductor | 1.5 mm ² (AWG 16) |
| Bucket Dia. | 1.8 mm (0.071in) |
| Contact Dia. | 2 mm (0.079in) |
| Wire Size/AWG | 22 - 14 |
| 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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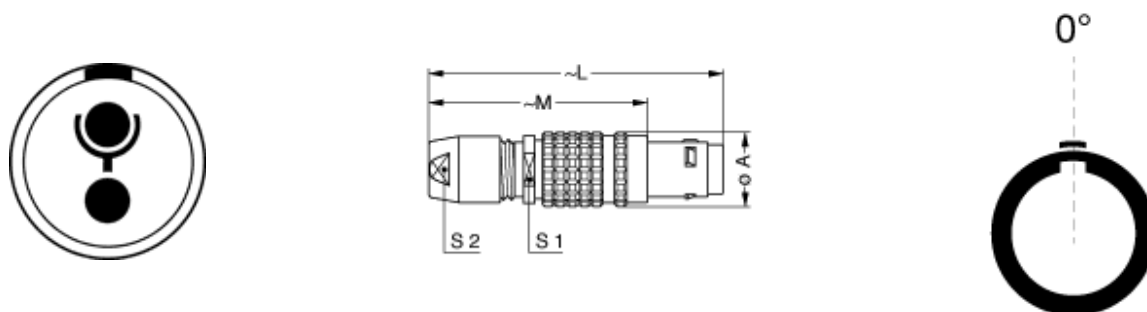
Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| 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] | 4.60 - 5.00 mm |

Drawings



Dimensions

| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 15 | 55 | 43 | 14 | 12 |
| in. | 0.59 | 2.17 | 1.69 | 0.55 | 0.47 |







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Recommended By Lemo

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

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.02.T20.047PGZE | | grey |  |
| CMN.02.T20.047PNZE | | |  |
| CMN.02.T20.048QGZE | TPR (medical) | Grey |  |
| 120240 | PVC | Black |  |
| 120501 | PVC | Grey |  |
| 2221 | PVC | Black |  |
| 4082 | PVC | Grey | |