

Standard



Image for illustrative purpose only

Summary

[Request a quote](#)

[BKT series](#)

| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 6.60 - 7.00 mm |
| Size | 2T |
| Suggested matching part | EGG.2T.304.CLL PHG.2T.304.CLLC70 |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-304-clac70.html

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Technical details

Electrical Configuration

| | |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.6 mOhm |
| Insert configuration value | T.304 - 4 Low Voltage |
| Footprint IPC Class3 compatibility | No |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 15 A |
| Vtest (contact-contact) | 2.6 kV (DC) |
| Vtest (contact-shell) | 2.6 kV (DC) |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 1.3 mm (0.051in) |
| Wire Size/AWG | 28 - 20 |
| 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 |
| Weight | 30.35 g |

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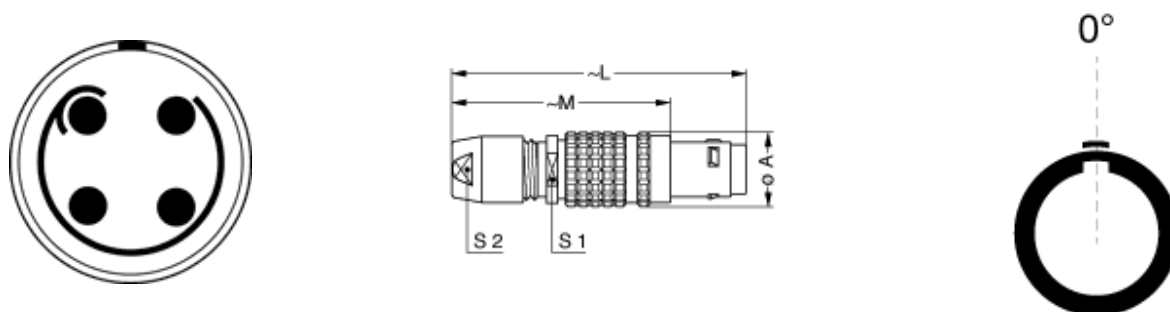
Environment

| | |
|-----------------------------------|---|
| 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.) |
| Climatic Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| 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] | 6.60 - 7.00 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 |
|------------------|----------|--------|---|
| 240750 | PVC | Grey |  |