



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Nb of contacts Thermocouple | 24 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 10.60 - 12.00 mm |
| Size | 3T |
| Suggested matching part | EGG.3T.324.CYK |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-3t-324-cykk11.html

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Technical details

Electrical Configuration

| | |
|----------------------------------|-------------------------------|
| Nb of contacts Thermocouple | 24 |
| Contact Termination Thermocouple | Crimp |
| Insert configuration value | T.324 - 12 Thermocouple Pairs |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 4 A |
| ThC. Materials (P+/N-) | Chromel / Alumel |
| Contact Dia. | 0.7 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FG - Straight plug with oversize 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 |

Environment

| | |
|-----------------------------------|----------------------------|
| Environmental sealing (IP rating) | IP68 |
| Endurance | >3000 mating cycles |
| Temperature range | -55°C / +200°C |
| 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 |

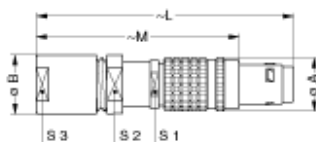
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 10.60 - 12.00 mm |

Drawings



Dimensions

| | A | B | L | M | S1 | S2 | S3 |
|-----|------|------|------|------|------|------|------|
| mm. | 18.8 | 23 | 87.7 | 72.7 | 16 | 20 | 20 |
| in. | 0.74 | 0.91 | 3.45 | 2.86 | 0.63 | 0.79 | 0.79 |

Recommended By Lemo

Accessories

Compatible cap [BFG.3T.100.CAS](#)

Tools

Spanner [DCP.2T.110.TN](#)

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