



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 18 |
| Wire Size/AWG | 26 - 22 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.30 - 6.20 mm |
| Size | 2T |
| Suggested matching part | EGG.2T.318.CYM |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-318-cycc60.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 18 |
| Contact Termination Low voltage | Crimp |
| R (max) | 6.1 mOhm |
| Insert configuration value | T.318 - 18 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated current | 5.5 A |
| Vtest (contact-contact) | 2 kV (DC) |
| Vtest (contact-shell) | 3 kV (DC) |
| Contact retention | 22 N |
| Max. Conductor | 0.34 mm ² (AWG 22) |
| Min. Conductor | 0.14 mm ² (AWG 26) |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Wire Size/AWG | 26 - 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 |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-318-cycc60.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

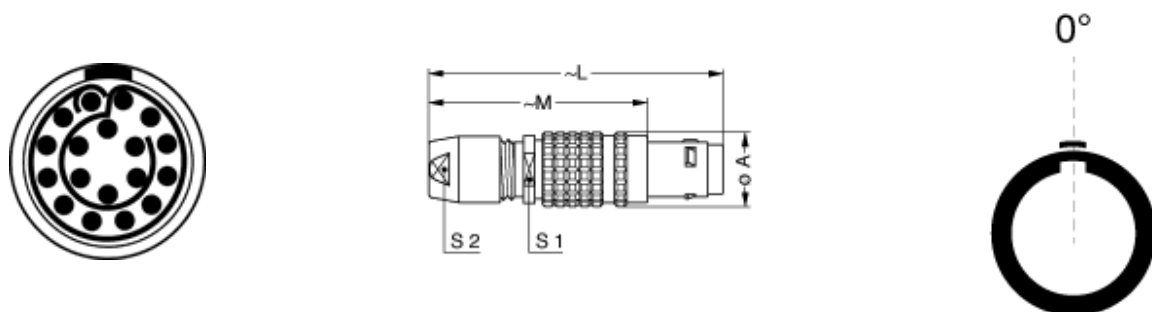
Environment

| | |
|-----------------------------------|---|
| 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] | 5.30 - 6.20 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 |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-318-cycc60.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

| Accessories | |
|---------------------|--------------------------------|
| Replacement contact | FGG.2B.555.ZZC |
| Compatible cap | BFG.2T.100.CAS |
| Tools | |
| Spanner | DCP.2T.110.TN |
| Positionner | DCE.91.072.BVC |
| Extraction tool | DCC.07.04B.LAG |
| Crimp tool | DPC.91.701.V |