



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 18 |
| Wire Size/AWG | 24 - 24 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | 2T |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-2t-318-kll.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 | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | T.318 - 18 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 5.5 A |
| Vtest (contact-contact) | 1.2 kV (DC) |
| Vtest (contact-shell) | 1.7 kV (DC) |
| Max. Solid 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 | 24 - 24 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EG - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Brass (black chrome) 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 | Black |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-2t-318-kl.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.

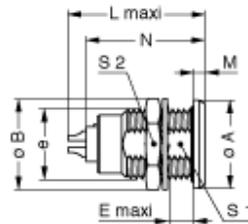
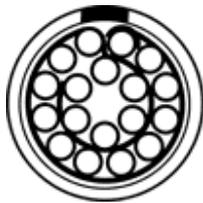
Environment

| | |
|-----------------------------------|---|
| 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

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | A | B | e | E | L | M | N | S1 | S2 |
|-----|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 18.5 | 19.6 | M15x1.0 | 13.5 | 23.6 | 1.8 | 24.6 | 13.5 | 17 |
| in. | 0.73 | 0.77 | | 0.53 | 0.93 | 0.07 | 0.97 | 0.53 | 0.67 |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-2t-318-kl.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

Compatible cap [BRE.2T.200.KAZ](#)

Tools

Spanner [DCA.91.231.7TN](#)

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.18.T30.048QGZE | TPR (medical) | Grey |  |
| 218220 | PVC | Black |  |
| 218240 | PVC | Black |  |
| 218260 | PVC | Black |  |
| 236080 | PVC | Grey | |
| 318250 | PVC | Grey |  |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-2t-318-kl.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.