



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |   |
|------------------------------------|---|
| Number of contacts Low Voltage     | 10  |
| Wire Size/AWG                      | 34 - 28   |
| Gender                             | Standard  |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.00 - 10.60 mm                                 |
| Size                               | 1T  |
| Suggested matching part            | <a href="#">FGG.1T.310.CLAC50</a>               |
| Series                             | T - Small Outdoor keyed                         |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.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

|                                 |                               |
|---------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder                        |
| R (max)                         | 8.7 mOhm                      |
| Insert configuration value      | T.310 - 10 Low Voltage        |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                   | 2.5 A                         |
| Vtest (contact-contact)         | 900 V (AC), 1270 V (DC)       |
| Vtest (contact-shell)           | 1500 V (AC), 2120 V (DC)      |
| Contact Type                    | Solder                        |
| Max. Solid Conductor            | 0.09 mm <sup>2</sup> (AWG 28) |
| Max. Stranded Conductor         | 0.09 mm <sup>2</sup> (AWG 28) |
| Bucket Dia.                     | 0.45 mm (0.018in)             |
| Contact Dia.                    | 0.5 mm (0.02in)               |
| Number of contacts Low Voltage  | 10                            |
| Wire Size/AWG                   | 34 - 28                       |
| Gender                          | Standard                      |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EG - Fixed receptacle, nut fixing   |
| Socket / Receptacle    | Fixed Panel Front Mounted   |
| 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                 | 6.06 g  |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.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.

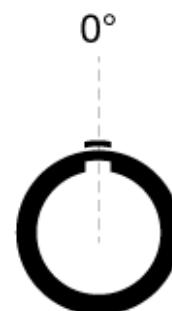
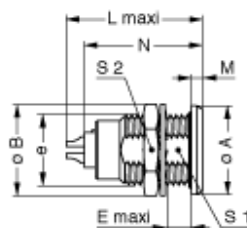
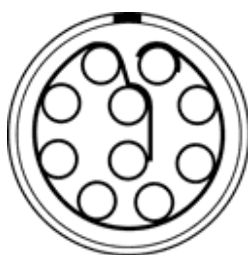
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | >3000 mating cycles                         |
| Temperature range                 | -55°C / +200°C                              |
| 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 - 10.60 mm |
|------------------------------------|-----------------|

## Drawings



## Dimensions

|     | <b>A</b> | <b>B</b> | <b>e</b> | <b>E</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>S1</b> | <b>S2</b> |
|-----|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 15.5     | 16       | M12x1.0  | 6        | 23       | 1.8      | 21.5     | 10.5      | 14        |
| in. | 0.61     | 0.63     |          | 0.24     | 0.91     | 0.07     | 0.85     | 0.41      | 0.55      |

## Recommended By Lemo

### Accessories

Compatible cap [BRE.1T.200.CAZ](#)





### Tools

Spanner [DCA.91.201.4TN](#)

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.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.

# Cables

| Cable PartNumber   | Material      | Colour | Cable image   |
|--------------------|---------------|--------|---|
| CMN.10.T28.052PGZE |               | grey   |  |
| CMN.10.T28.052PNZE |               |        |  |
| CMN.10.T28.053QGZE | TPR (medical) | Grey   |  |
| 110280             | PVC           | Black  |  |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-1t-310-cll.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.