



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |  |
|------------------------------------|--|
| Number of contacts Low Voltage     | 4  |
| Wire Size/AWG                      | 26 - 22  |
| Gender                             | Reverse Gender                                 |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                     | Push-pull                                      |
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm                                 |
| Size                               | 0T   |
| Suggested matching part            | <a href="#">FGL.0T.304.CYMC45</a>              |
| Series                             | T - Small Outdoor keyed                        |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.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 | Crimp                         |
| R (max)                         | 6.1 mOhm                      |
| Insert configuration value      | T.304 - 4 Low Voltage         |
| Insulator                       | Y: PEEK for crimp contacts    |
| Rated current                   | 7 A                           |
| Vtest (contact-contact)         | 1350 V (AC), 1910 V (DC)      |
| Vtest (contact-shell)           | 1100 V (AC), 1560 V (DC)      |
| Contact retention               | 22 N                          |
| Contact Type                    | Crimp                         |
| Max. Conductor                  | 0.34 mm <sup>2</sup> (AWG 22) |
| Min. Conductor                  | 0.14 mm <sup>2</sup> (AWG 26) |
| Bucket Dia.                     | 0.8 mm (0.031in)              |
| Contact Dia.                    | 0.7 mm (0.028in)              |
| Number of contacts Low Voltage  | 4                             |
| Wire Size/AWG                   | 26 - 22                       |
| Gender                          | Reverse Gender                |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EE - Fixed receptacle, nut fixing, back panel mounting  |
| Socket / Receptacle    | Fixed Panel Rear 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                 | 2 keys (gamma=80, plug: female contacts, receptacle: male contacts)   |
| Colour                 | Grey  |
| Weight                 | 5.65 g  |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.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.

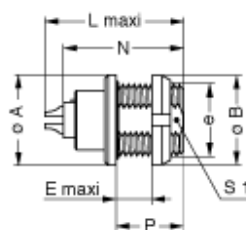
## Environment

|                                   |   |
|-----------------------------------|---|
| 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 - 8.30 mm |
|------------------------------------|----------------|

## Drawings



## Dimensions

|     | <b>A</b> | <b>B</b> | <b>e</b> | <b>E</b> | <b>Lmax</b> | <b>Nmax</b> | <b>S1</b> | <b>P</b> |
|-----|----------|----------|----------|----------|-------------|-------------|-----------|----------|
| mm. | 12       | 12       | M9x0.6   | 6.5      | 21          | 19.1        | 8.2       | 9        |
| in. | 0.47     | 0.47     |          | 0.26     | 0.83        | 0.75        | 0.32      | 0.35     |








[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.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 | <a href="#">FGG.0B.555.ZZC</a>                        |
| Compatible cap      | <a href="#">BRE.0T.200.CAZ</a>                        |
| Tools               |   |
| Positionner         | <a href="#">DCE.91.070.BVC</a>                        |
| Extraction tool     | <a href="#">DCC.07.04B.LAG</a>                        |
| Crimp tool          | <a href="#">DPC.91.701.V</a>                          |
| Spanner wrench      | <a href="#">Socket for torque wrench DCM.0S.M09.4</a> |

# Cables

| Cable PartNumber   | Material      | Colour | Cable image  |
|--------------------|---------------|--------|--|
| CMN.04.T22.047QGC  | TPR           | Grey   |  |
| CMN.04.T22.048QGZE | TPR (medical) | Grey   |     |
| CMN.04.T28.031PGCE | PVC           | GREY   |     |
| CMN.04.T28.031PGZE |               | grey   |     |
| CMN.04.T28.031PNCE | PVC           | Black  |     |
| CMN.04.T28.031PNZE |               |        |     |
| CMN.04.T28.031QGC  | TPR           | Grey   |  |
| 140240             | PVC           | Black  |     |
| 140250             | PVC           | Grey   |     |
| 40080              | PVC           | Black  |  |
| 40086              | PVC           | Blue   |  |
| 40140              | PVC           | Black  |     |
| 40240              | PTFE          | White  |     |
| 40260              | PVC           | Black  |     |
| 4041               | PVC           | Grey   |  |
| 4050               | PVC           | Black  |   |
| 4080               | PVC           | Grey   |  |
| 417920             | PVC           | Grey   |  |
| 4220               | PVC           | Black  |   |
| 4221               | PVC           | Black  |   |
| 4260               | PTFE          | White  |   |
| 4280               | PVC           | Black  |   |
| 80080              | PVC           | Grey   |  |
| 80082              | PVC           | Red    |  |
| 80084              | PVC           | Black  |  |
| CTR.75.030.121870G | PVC           | Grey   |   |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eel-0t-304-cyc.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.