



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                |  |
|--------------------------------|--|
| Number of contacts Low Voltage | 5  |
| Gender                         | Standard                                       |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Size                           | 0T   |
| Suggested matching part        | <a href="#">FGG.0T.305.CLAC45</a>              |
| Series                         | T - Small Outdoor keyed                        |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.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 | PCB - Straight            |
| R (max)                         | 6.1 mOhm                  |
| Insert configuration value      | T.305 - 5 Low Voltage     |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 6.5 A                     |
| Vtest (contact-contact)         | 1000 V (AC), 1400 V (DC)  |
| Vtest (contact-shell)           | 700 V (AC), 1000 V (DC)   |
| Contact Type                    | Print (straight)          |
| Contact Dia.                    | 0.7 mm (0.028in)          |
| Number of contacts Low Voltage  | 5                         |
| Gender                          | Standard                  |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | HM - Fixed socket, nut fixing, watertight or vacuumtight, 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                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  |
| Colour                 | Grey  |
| Variant                | Watertight unmated (connector to device)  |
| Weight                 | 4.74 g  |

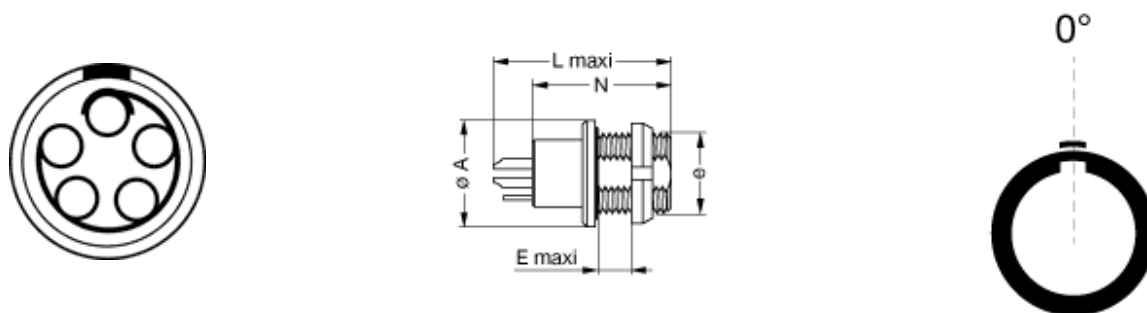
[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html)

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                 | -20°C / +80°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                                    |

## Drawings



## Dimensions

|     | A    | e      | E    | L    | N    |
|-----|------|--------|------|------|------|
| mm. | 12   | M9x0.6 | 6.5  | 22   | 18.5 |
| in. | 0.47 |        | 0.26 | 0.87 | 0.73 |

## Recommended By Lemo

### Accessories

Compatible cap [BRE.0T.200.CAZ](#)

### Tools

Spanner [DCH.91.121.PA](#)

Spanner wrench [Socket for torque wrench DCM.0S.M09.4](#)

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.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.