



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|--|
| 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 | FGG.0T.305.CLAC45 |
| Series | T - Small Outdoor keyed |

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/hmg-0t-305-clnp.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage | 5 |
| 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 Dia. | 0.7 mm (0.028in) |
| 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 |

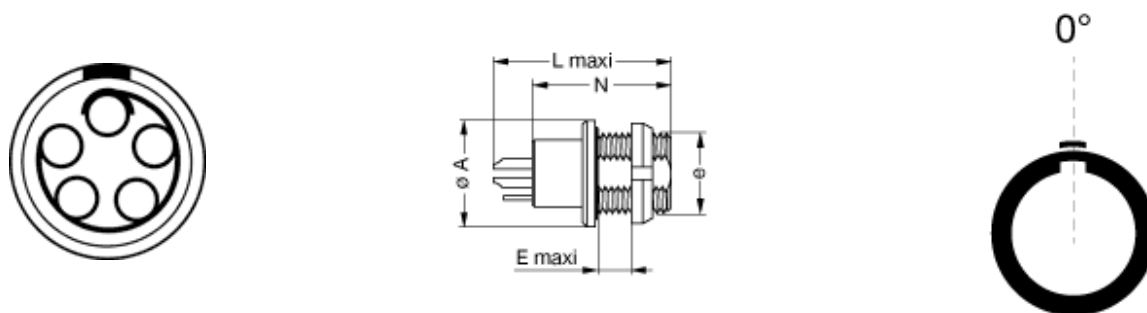
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Environment

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

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