



*Image for illustrative purpose only*

## Summary

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|                                    |  |
|------------------------------------|--|
| Wire Size/AWG                      | 34 - 28  |
| Gender                             | Standard                                       |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                     | Push-pull                                      |
| Jacket cable outside diameter [mm] | 1.00 - 10.60 mm                                |
| Size                               | 1T   |
| Suggested matching part            | <a href="#">FGG.1T.314.KLAC60</a>              |
| Series                             | T - Small Outdoor keyed                        |

# Technical details

## Electrical Configuration

|                         |                               |
|-------------------------|-------------------------------|
| R (max)                 | 8.7 mOhm                      |
| Rated current           | 2 A                           |
| Vtest (contact-contact) | 800 V (AC), 1130 V (DC)       |
| Vtest (contact-shell)   | 1200 V (AC), 1700 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)               |
| Wire Size/AWG           | 34 - 28                       |
| Gender                  | Standard                      |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | HE - Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting                                 |
| Socket / Receptacle    | Fixed Panel Rear 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                 | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)   |
| Colour                 | Black   |

## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| 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                                    |

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/heg-1t-314-klipy.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/heg-1t-314-klipy.html)

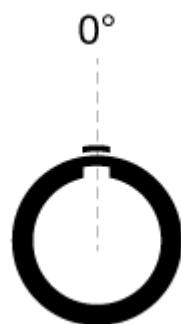
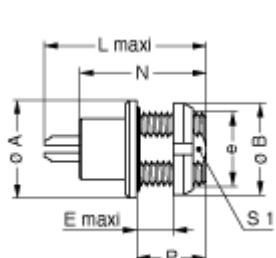
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## Cable fixation

Jacket cable outside diameter [mm]

1.00 - 10.60 mm

## Drawings



## Dimensions

|     | <b>A</b> | <b>e</b> | <b>E</b> | <b>L</b> | <b>N</b> | <b>B</b> | <b>P</b> | <b>S1</b> |
|-----|----------|----------|----------|----------|----------|----------|----------|-----------|
| mm. | 15.5     | M12x1.0  | 6.5      | 26       | 21.5     | 16       | 10       | 10.5      |
| in. | 0.61     |          | 0.26     | 1.02     | 0.85     | 0.63     | 0.39     | 0.41      |

## Recommended By Lemo

### Accessories

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

### Tools

Spanner [DCH.91.161.PA](#)

Spanner wrench [Socket for torque wrench DCM.1S.M12.4](#)

## Cables

| Cable PartNumber   | Material      | Colour | Cable image |
|--------------------|---------------|--------|-------------|
| CMN.14.T28.056PGZE |               | grey   |             |
| CMN.14.T28.056PNZE |               |        |             |
| CMN.14.T28.056QGZE | TPR (medical) | Grey   |             |

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