



*Image for illustrative purpose only*

## Summary

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|                      |   |
|----------------------|---|
| Nb of contacts Triax | 1   |
| Socket / Receptacle  | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system       | Push-pull                                       |
| Size                 | T7  |

[https://www.lemo.com/int\\_en/fnz-t7-675-ctl01s.html](https://www.lemo.com/int_en/fnz-t7-675-ctl01s.html)

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# Technical details

## Electrical Configuration

|                           |        |
|---------------------------|--------|
| Nb of contacts Triax      | 1      |
| Contact Termination Triax | Solder |
| Rated current             | 12 A   |
| OHM                       | 75     |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FNZ - Fixed socket, crimp, 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                 | Circular, female  |
| Colour                 | Grey  |
| Weight                 | 29.95 g   |

## Environment

|                                   |                            |
|-----------------------------------|----------------------------|
| Environmental sealing (IP rating) | IP68                       |
| Endurance                         | 5000 mating cycles         |
| Temperature range                 | -55°C / +250°C             |
| Humidity (max)                    | <=95% [at 60 deg C /140 F] |
| Shock Resistance                  | 100 g [ 6 ms]              |
| Vibration                         | 15 g [10 Hz - 20000 Hz]    |
| Salt Spray Corrosion              | >1000 hr                   |

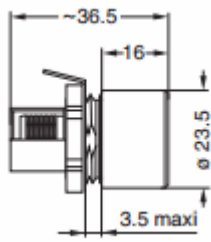
## Cable fixation

|                              |  |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
|------------------------------|--|

# Drawings

[https://www.lemo.com/int\\_en/fnz-t7-675-ctf01s.html](https://www.lemo.com/int_en/fnz-t7-675-ctf01s.html)

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## Dimensions

|     | <b>A</b> | <b>E</b> | <b>L</b> | <b>M</b> | <b>e</b> |
|-----|----------|----------|----------|----------|----------|
| mm. | 23.5     | 3.5      | 36.5     | 16       | M20x1.0  |
| in. | 0.93     | 0.14     | 1.44     | 0.63     |          |

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