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## Summary

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|                         |                                    |
|-------------------------|------------------------------------|
| Nb of contacts Triax    | 1                                  |
| Socket / Receptacle     | Socket / Receptacle - Free         |
| Locking system          | Push-pull                          |
| Size                    | T7                                 |
| Suggested matching part | <a href="#">FAZ.T7.675.CTA01SZ</a> |

[https://www.lemo.com/int\\_en/pcz-t7-675-ctl01sz.html](https://www.lemo.com/int_en/pcz-t7-675-ctl01sz.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 | PCZ - Free socket, crimp, nut for fitting a bend relief   |
| Socket / Receptacle    | Free  |
| 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  |

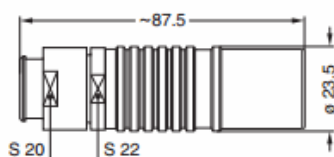
## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.) |
| 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/pcz-t7-675-ctl01sz.html](https://www.lemo.com/int_en/pcz-t7-675-ctl01sz.html)

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# Dimensions

|     | A    | L    | S1   | S2   |
|-----|------|------|------|------|
| mm. | 23.5 | 87.5 | 22   | 20   |
| in. | 0.93 | 3.44 | 0.87 | 0.79 |