



## Summary

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|                     |                                    |
|---------------------|------------------------------------|
| Triax               | 1                                  |
| Socket / Receptacle | Socket / Receptacle - Free         |
| Locking system      | Push-pull                          |
| Size                | T7                                 |
| Matching parts      | <a href="#">FAZ.T7.675.CTA05SZ</a> |

## Technical details

### Electrical Configuration

|                           |         |
|---------------------------|---------|
| Triax                     | 1       |
| Contact Termination Triax | Solder  |
| Rated current             | 12 Amps |
| Contact Type              | Solder  |

### 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  |

[https://www.lemo.com/int\\_en/pcz-t7-675-ctl05sz.html](https://www.lemo.com/int_en/pcz-t7-675-ctl05sz.html)

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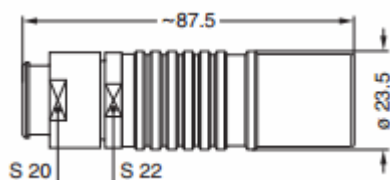
## Environment

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



## Dimensions

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

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