



*Image for illustrative purpose only*

## Summary

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|                     |                            |
|---------------------|----------------------------|
| Nb of contacts Coax | 1                          |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system      | Threaded                   |
| Size                | 3                          |

[https://www.lemo.com/int\\_en/pvn-03-250-cllc31z.html](https://www.lemo.com/int_en/pvn-03-250-cllc31z.html)

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# Technical details

## Electrical Configuration

|   |                        |
|---|------------------------|
| Nb of contacts Coax                         | 1                      |
| Contact Termination Coax - Conductor fixing | Solder                 |
| Insert configuration value                  | 3.25 - 1 Coax (50 Ohm) |
| Rated current                               | 4 A                    |
| OHM   | 50                     |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | PVN - Free socket (coaxial) with cable collet and 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         | Threaded  |
| Keying                 | 3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)   |
| Variant                | Nut for fitting a bend relief   |
| Weight                 | 12.57 g   |

## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP68  |
| Temperature range                 | -20°C / +200°C (max. temperature valid for short periods of use.) |
| Climatical Category               | 20/200/21   |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]  |
| Shielding (min)                   | 100 dB (10 MHz)   |
| Shielding (min)                   | 80 dB (1 GHz)   |
| Pressure                          | 60 bars (120 bars with LEMO cable assembly)                       |
| Salt Spray Corrosion              | >1000 hr  |

## Cable fixation

|                              |                       |
|------------------------------|-----------------------|
| Cable termination protection | For cable bend relief |
| Fixation type                | Cable collet          |

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# Drawings



## Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 11.8 | 41.5 | 37.5 | 11   | 6    |
| in. | 0.46 | 1.63 | 1.48 | 0.43 | 0.24 |