



*Image for illustrative purpose only*

## Summary

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|                         |                                 |
|-------------------------|---------------------------------|
| Nb of contacts Coax     | 1                               |
| Plug                    | Plug - Straight                 |
| Locking system          | Threaded                        |
| Size                    | 3                               |
| Suggested matching part | <a href="#">HVP.03.250.CLLP</a> |

[https://www.lemo.com/int\\_en/fvn-03-250-clac27r.html](https://www.lemo.com/int_en/fvn-03-250-clac27r.html)

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# Technical details

## Electrical Configuration

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

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FVN - Straight plug (coaxial) with cable collet   |
| Plug                   | Straight  |
| 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)   |
| Weight                 | 7.51 g  |

## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP68  |
| Temperature range                 | -20°C / +200°C                              |
| 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                                    |

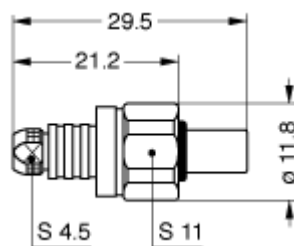
## Cable fixation

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

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# Drawings



## Dimensions

|     | <b>A</b> | <b>L</b> | <b>M</b> | <b>S1</b> | <b>S2</b> |
|-----|----------|----------|----------|-----------|-----------|
| mm. | 11.8     | 29.5     | 21.2     | 11        | 4.5       |
| in. | 0.46     | 1.16     | 0.83     | 0.43      | 0.18      |

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