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## Summary

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|                                    |                  |
|------------------------------------|------------------|
| Nb of contacts Coax                | 1                |
| Plug                               | Plug - Straight  |
| Locking system                     | Threaded         |
| Jacket cable outside diameter [mm] | 10.10 - 10.50 mm |
| Size                               | 3V               |

[https://www.lemo.com/int\\_en/fvn-3v-275-clac11.html](https://www.lemo.com/int_en/fvn-3v-275-clac11.html)

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# Technical details

## Electrical Configuration

|                            |                          |
|----------------------------|--------------------------|
| Nb of contacts Coax        | 1                        |
| Contact Termination Coax   | Solder                   |
| Insert configuration value | 3V.275 - 1 Coax (75 Ohm) |
| OHM                        | 75                       |
| Contact Type               | Solder                   |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FVN - Straight plug, 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                 | Circular, male  |
| Colour                 | Grey  |
| Weight                 | 90.1 g  |

## Environment

|                                   |                    |
|-----------------------------------|--------------------|
| Environmental sealing (IP rating) | IP68               |
| Endurance                         | 1000 mating cycles |
| Temperature range                 | -20°C / +200°C     |
| Climatical Category               | 20/200/21          |
| Shielding (min)                   | 95 dB (10 MHz)     |
| Shielding (min)                   | 80 dB (1 GHz)      |
| Pressure                          | 30 bars            |
| Salt Spray Corrosion              | >1000 hr           |

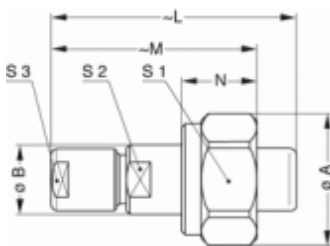
## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 10.10 - 10.50 mm                             |

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# Drawings



## Dimensions

|     | <b>A</b> | <b>B</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>S1</b> | <b>S2</b> | <b>S3</b> |
|-----|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| mm. | 27.8     | 18       | 61       | 47       | 16.5     | 26        | 16        | 15        |
| in. | 1.09     | 0.71     | 2.4      | 1.85     | 0.65     | 1.02      | 0.63      | 0.59      |

## Recommended By Lemo

### Accessories

Compatible cap

[BFA.3V.100.NAZ](#)

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