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## Summary

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|                                    |                 |
|------------------------------------|-----------------|
| Number of contacts Low Voltage     | 6               |
| Wire Size/AWG                      | 28 - 20         |
| Plug                               | Plug - Straight |
| Locking system                     | Push-pull       |
| Jacket cable outside diameter [mm] | 6.10 - 7.00 mm  |
| Size                               | SH              |

[https://www.lemo.com/int\\_en/fha-sh-306-xlac72n.html](https://www.lemo.com/int_en/fha-sh-306-xlac72n.html)

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# Technical details

## Electrical Configuration

|                                 |                        |
|---------------------------------|------------------------|
| Contact Termination Low voltage | Solder                 |
| Insert configuration value      | SH.306 - 6 Low Voltage |
| Contact Type                    | Solder                 |
| Contact Dia.                    | 1.3                    |
| Number of contacts Low Voltage  | 6                      |
| Wire Size/AWG                   | 28 - 20                |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FHA - Straight plug (IP50)  |
| Plug                   | Straight  |
| Housing material       | Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass |
| Locking system         | Push-pull   |
| Keying                 | Hermaphroditic keying (half moon insert) with male pin 1  |
| Weight                 | 34.37 g   |

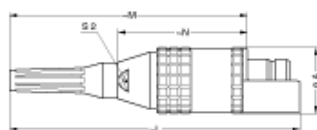
## Environment

|                                   |            |
|-----------------------------------|------------|
| Environmental sealing (IP rating) | IP50       |
| Salt Spray Corrosion              | max. 48 hr |

## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 6.10 - 7.00 mm                               |

## Drawings



[https://www.lemo.com/int\\_en/fha-sh-306-xlac72n.html](https://www.lemo.com/int_en/fha-sh-306-xlac72n.html)

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## Dimensions

|     | <b>A</b> | <b>L</b> | <b>M</b> | <b>N</b> | <b>S2</b> |
|-----|----------|----------|----------|----------|-----------|
| mm. | 21.8     | 98.4     | 82.2     | 46.2     | 13        |
| in. | 0.86     | 3.87     | 3.24     | 1.82     | 0.51      |

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