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## Summary

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|                                |                             |
|--------------------------------|-----------------------------|
| Number of contacts Low Voltage | 14                          |
| Wire Size/AWG                  | 22 - 14                     |
| Locking system                 | Push-pull                   |
| Size                           | 5N                          |
| Series                         | N - Nuclear Stainless Steel |

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/asy-5n-314-tla.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/asy-5n-314-tla.html)

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# Technical details

## Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | Solder                    |
| Insert configuration value      | 5N.314 - 14 Low Voltage   |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 18 A                      |
| Contact Type                    | Solder                    |
| Contact Dia.                    | 2 mm (0.08in)             |
| Number of contacts Low Voltage  | 14                        |
| Wire Size/AWG                   | 22 - 14                   |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | ASY - Fixed adapter to K/E series plug, vacuum tight, nut fixing with lever                           |
| Housing material       | Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system         | Push-pull   |
| Keying                 | Push-Pull latch with additional lever. Male contacts  |
| Colour                 | Grey  |

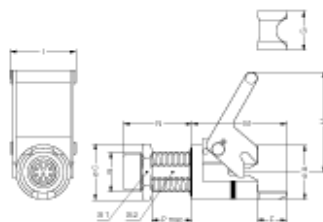
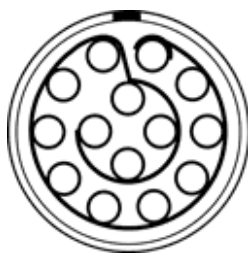
## Environment

|                                   |  |
|-----------------------------------|--|
| Technical domain                  | Energy and Industrial, Specialties and Other |
| Environmental sealing (IP rating) | IP66   |
| Endurance                         | >1000 mating cycles                          |

## Cable fixation

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

# Drawings



[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/asy-5n-314-tla.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/asy-5n-314-tla.html)

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## Dimensions

|     | <b>A</b> | <b>B</b> | <b>C</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>I</b> | <b>M</b> | <b>N</b> | <b>P</b> | <b>S2</b> |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| mm. | 55       | M45x1.5  | 54       | 28       | 35       | 96.4     | 60.6     | 94       | 60.5     | 37.5     | 42.5      |
| in. | 2.17     |          | 2.13     | 1.1      | 1.38     | 3.8      | 2.39     | 3.7      | 2.38     | 1.48     | 1.67      |

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