



*Image for illustrative purpose only*

## Summary

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|                                    |                             |
|------------------------------------|-----------------------------|
| Number of contacts Low Voltage     | 30                          |
| Gender                             | Standard                    |
| Plug                               | Plug - Straight             |
| Locking system                     | Push-pull                   |
| Jacket cable outside diameter [mm] | 10.10 - 11.00 mm            |
| Size                               | 3N                          |
| Series                             | N - Nuclear Stainless Steel |

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-330-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-330-tlay11.html)

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# Technical details

## Electrical Configuration

|                                 |                           |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage  | 30                        |
| Contact Termination Low voltage | Solder                    |
| Insert configuration value      | 3N.330 - 30 Low Voltage   |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                   | 3.5 A                     |
| Gender                          | Standard                  |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FDG - Straight plug with positioning pin, cable clamp and smooth handling surface                     |
| Plug                   | Straight  |
| 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 for manipulator. Male contacts  |
| Colour                 | Grey  |
| Weight                 | 181.66 g  |

## Environment

|                                   |  |
|-----------------------------------|--|
| Technical domain                  | Energy and Industrial, Specialties and Other |
| Environmental sealing (IP rating) | IP66   |

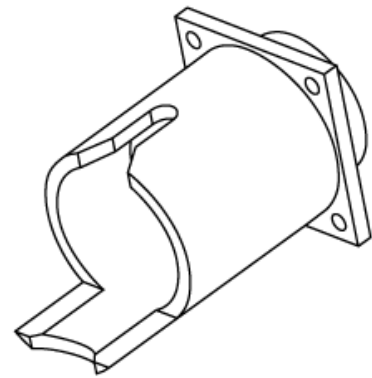
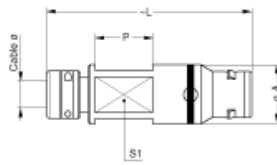
## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 10.10 - 11.00 mm                             |

# Drawings

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-330-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-330-tlay11.html)

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# Dimensions

|     | A    | L    | P    | S1   |
|-----|------|------|------|------|
| mm. | 25   | 91   | 23   | 21   |
| in. | 0.98 | 3.58 | 0.91 | 0.83 |