



## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Number of contacts High Voltage    | 1                              |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 4.20 - 5.20 mm                 |
| Size                               | 1Y                             |
| Matching parts                     | <a href="#">ERA.1Y.405.CTL</a> |
| Series                             | Y - High Voltage Unipole       |

## Technical details

### Electrical Configuration

|                                  |                         |
|----------------------------------|-------------------------|
| Contact Termination High voltage | Solder                  |
| Insert configuration value       | 1Y.405 - 1 High Voltage |
| Insulator                        | T: PTFE                 |
| Rated current                    | 8 Amps                  |
| Test voltage (kV AC)             | 7.5                     |
| Contact Type                     | Solder                  |
| Creepage distance                | 16 mm                   |
| Number of contacts High Voltage  | 1                       |

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac52.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac52.html)

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## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug 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         | Push-pull   |
| Keying                 | Circular  |
| Weight                 | 31.15 g   |

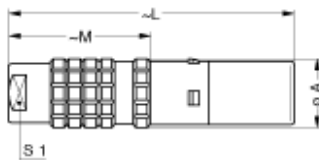
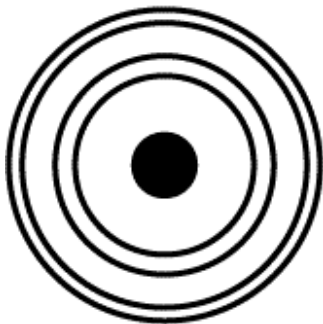
## Environment

|                                      |                       |
|--------------------------------------|-----------------------|
| Technical domain                     | Specialties and Other |
| Environmental protection (IP rating) | IP50                  |
| 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] | 4.20 - 5.20 mm                               |

## Drawings



## Dimensions

|     | <b>A</b> | <b>L</b> | <b>M</b> | <b>S1</b> |
|-----|----------|----------|----------|-----------|
| mm. | 13       | 54       | 27.5     | 9         |
| in. | 0.51     | 2.13     | 1.08     | 0.35      |

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