



*Image for illustrative purpose only*

## Summary

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|                                    |                                   |
|------------------------------------|-----------------------------------|
| Number of contacts High Voltage    | 1                                 |
| Plug                               | Plug - Straight                   |
| Locking system                     | Push-pull                         |
| Jacket cable outside diameter [mm] | 2.20 - 2.60 mm                    |
| Size                               | 1Y                                |
| Suggested matching part            | <a href="#">ERA.1Y.405.CLL</a>    |
| Alternative part                   | <a href="#">FFA.1Y.405.CLAC32</a> |
| Series                             | Y - High Voltage Unipole          |

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-clac27.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-clac27.html)

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# Technical details

## Electrical Configuration

|                                  |                           |
|----------------------------------|---------------------------|
| Contact Termination High voltage | Solder                    |
| Insert configuration value       | 1Y.405 - 1 High Voltage   |
| Insulator                        | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                    | 8 A                       |
| Test voltage (kV DC)             | 10.5                      |
| Contact Type                     | Solder                    |
| Creepage distance                | 16 mm                     |
| Number of contacts High Voltage  | 1                         |

## 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  |
| Colour                 | Grey  |
| Weight                 | 31.23 g   |

## Environment

|                                   |                       |
|-----------------------------------|-----------------------|
| Technical domain                  | Specialties and Other |
| Environmental sealing (IP rating) | IP50                  |
| Salt Spray Corrosion              | >1000 hr              |

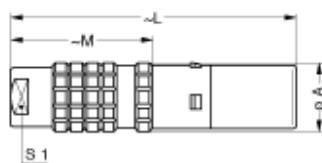
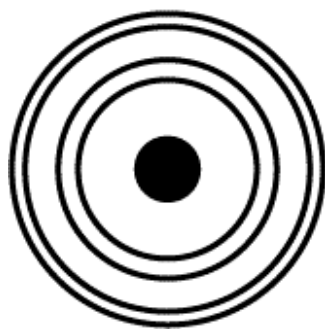
## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 2.20 - 2.60 mm                               |

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# Drawings



## Dimensions

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