



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] | 3.80 - 4.60 mm |
| Size | 1Y |
| Suggested matching part | ERA.1Y.405.CLA |
| Series | Y - High Voltage Unipole |

https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-cllc47.html

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Technical details

Electrical Configuration

| | |
|----------------------------------|---------------------------|
| Number of contacts High Voltage | 1 |
| 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 |
| Creepage distance | 16 mm |

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 | 34.67 g |

Environment

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

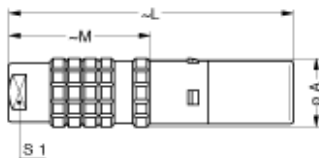
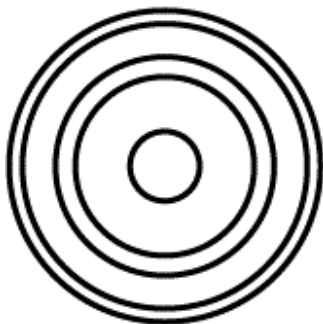
Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 3.80 - 4.60 mm |

Drawings

https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-cllc47.html

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Dimensions

| | A | L | M | S1 |
|-----|------|------|------|------|
| mm. | 13 | 67 | 30.5 | 9 |
| in. | 0.51 | 2.64 | 1.2 | 0.35 |