



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 |
| Matching parts | ERA.1Y.405.CLL |
| Series | Y - High Voltage Unipole |

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 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-clac47.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 |

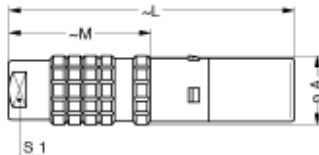
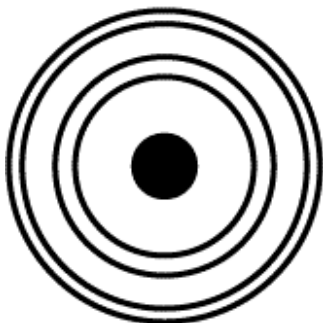
Environment

| | |
|--------------------------------------|-----------------------|
| 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] | 3.80 - 4.60 mm |

Drawings



Dimensions

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

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