



*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.CTL</a>
Series	Y - High Voltage Unipole

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac27.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac27.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	T: PTFE
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	31.85 g

## Environment

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

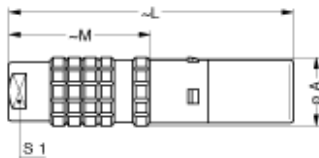
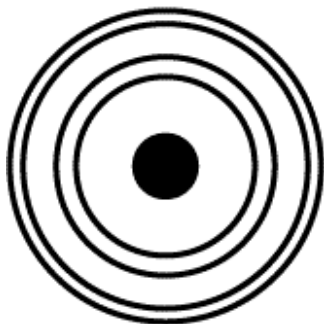
## Cable fixation

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

# Drawings

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac27.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctac27.html)

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# Dimensions

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