



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 4.40 mm
Size	0S
Suggested matching part	<a href="#">ERA.0S.403.CLL</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	0S.403 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Test voltage (kV DC)	6
Air clearance	6.8 mm
Creepage distance	7 mm
Contact Dia.	0.9
Wire Size/AWG	30 - 22

## Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
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, male
Colour	Grey
Weight	8.29 g

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
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 - 4.40 mm

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BFG.0B.100.PCZG</a>
----------------	---------------------------------

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-0s-403-clac42.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.