



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	4
Wire Size/AWG	26 - 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.304.CYM</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.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 Low Voltage	4
Contact Termination Low voltage	Crimp
Insert configuration value	0S.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Test voltage (kV DC)	1.5
Contact Dia.	0.7
Wire Size/AWG	26 - 22

## Form & Material

Shell style / Model id	FFA - Straight plug, 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	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Grey
Weight	9.3 g

## 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 (max. temperature valid for short periods of use.)
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

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.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.

## 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

Replacement contact	<a href="#">FGG.0B.555.ZZC</a>
Compatible cap	<a href="#">BFG.0B.100.PCZG</a>

## Tools

Positionner	<a href="#">DCE.91.070.BVC</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>
Spanner wrench	<a href="#">DCD.0S.ZZZ.PA065</a>

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-304-cycc44.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.