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## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 10.00 mm
Size	4S
Suggested matching part	<a href="#">ERA.4S.303.CLA</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-303-cllc10.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-303-cllc10.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4S.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Solder
Bucket Dia.	2.7
Contact Dia.	3
Number of contacts Low Voltage	3
Wire Size/AWG	20 - 12

## 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 female pin 1
Colour	Grey
Weight	135.78 g

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## Environment

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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

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Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 10.00 mm

# Recommended By Lemo

## Accessories

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Compatible cap [BFA.4S.100.NAS](#)

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