



## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	26 - 18
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.116.CTL</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-116-ctac42.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-0s-116-ctac42.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	0S.116 - 1 Low Voltage
Insulator	T: PTFE
Rated current	12 A
Vtest (contact-contact)	1500 V (AC), 2100 V (DC)
Vtest (contact-shell)	1500 V (AC), 2100 V (DC)
Contact Type	Solder
Contact Dia.	1.6
Number of contacts Low Voltage	1
Wire Size/AWG	26 - 18

## 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	Circular, male
Weight	7.56 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
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

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## 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

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