

Special



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Summary

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[SE series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	13
Wire Size/AWG	28 - 20
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 8.00 mm
Size	4S
Suggested matching part	ERA.4S.313.CLL
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-4s-313-clac82z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	13
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	4S.313 - 13 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage (kV DC)	3
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet and nut for fitting a bend relief
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
Variant	Nut for fitting a bend relief
Weight	151.88 g

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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.)
Climatic Category	55/175/21
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.10 - 8.00 mm

Recommended By Lemo

Caps

Compatible cap	BFA.4S.100.NAS
Cap 2	BFA.4S.100.NAV

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.13.T22.072QGZE	TPR (medical)	Grey	

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