

## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	32 - 24
Plug	Plug - Fixed
Locking system	Push-pull
Size	0S
Matching parts	<a href="#">PCA.0S.303.CLLC22</a>
Series	S - Indoor Stepped Insert

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/faa-0s-303-cla.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-0s-303-cla.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	0S.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Vtest	1060 V (AC), 1500 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.25 mm <sup>2</sup> (AWG 24)
Max. Stranded Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	3
Wire Size/AWG	32 - 24

## Form & Material

Shell style / Model id	FAA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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
Weight	4.59 g

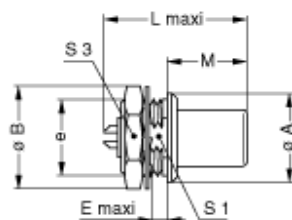
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## Environment

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
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

## Drawings



## Dimensions

	<b>M</b>	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>S1</b>	<b>S3</b>
mm.	11.2	10	12.5	M9x0.6	2	18.5	8.2	11
in.	0.44	0.39	0.49		0.08	0.73	0.32	0.43

## Recommended By Lemo





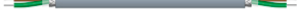






### Accessories

### Tools

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/faa-0s-303-cla.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-0s-303-cla.html)

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130250	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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