

**Standard***Image for illustrative purpose only*

## Summary

[Request a quote](#)[SE series](#)

Number of contacts Low Voltage	3
Wire Size/AWG	32 - 24
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.30 - 3.20 mm
Size	0S
Suggested matching part	<a href="#">FFA.0S.303.CLAL27</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pca-0s-303-clll27.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-0s-303-clll27.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	3
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 A
Test voltage (kV DC)	1.5
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)
Wire Size/AWG	32 - 24

## Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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

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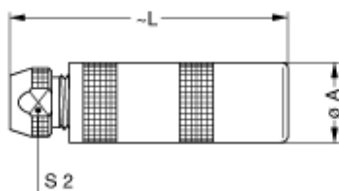
## Environment

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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.30 - 3.20 mm

## Drawings



## Dimensions

	A	L	S2	C
mm.	8.9	33.5	6.5	4.2
in.	0.35	1.32	0.26	0.17

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pca-0s-303-cll27.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-0s-303-cll27.html)

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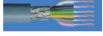


# Recommended By Lemo

## Accessories

Compatible cap

[BRF.05.200.NAS](#)

## 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			
30141	PVC	Grey	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	

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