



*Image for illustrative purpose only*

## Summary

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Nb of contacts Thermocouple	2
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Size	0S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pca-0s-901-clln17.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-0s-901-clln17.html)

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# Technical details

## Electrical Configuration

Nb of contacts Thermocouple	2
Insert configuration value	0S.901/ThC - 1 Thermocouple Pair
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A

## 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
Weight	9.04 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 (max. temperature valid for short periods of use.)
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

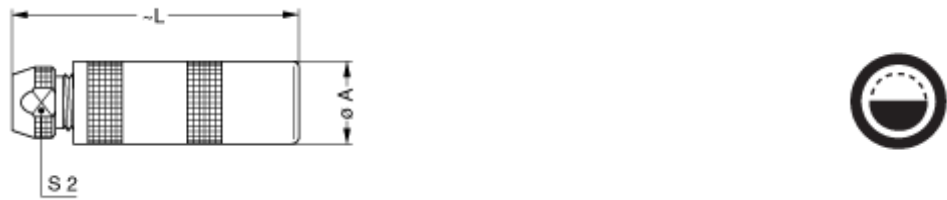
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings



Dimensions

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

Recommended By Lemo

Accessories

Compatible cap	<a href="#">BRF.0S.200.NAS</a>
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