

Special



Image for illustrative purpose only

## 概要

見積もりを依頼する

thermocouple

Nb of contacts Thermocouple	2
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.20 - 3.20 mm
Size	1S
推奨適合部品	<a href="#">FFA.1S.302.CLKC32</a>
シリーズ	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_jp/solutions/originals/s-indoor-stepped-insert/pca-1s-302-clkc32f.html](https://www.lemo.com/int_jp/solutions/originals/s-indoor-stepped-insert/pca-1s-302-clkc32f.html)

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# Technical details

## Electrical Configuration

Nb of contacts Thermocouple	2
Contact Termination Thermocouple	Solder
Insert configuration value	1S.302/ThC - 1 Thermocouple Pair
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
ThC. Materials (P+/N-)	Chromel / Alumel
Contact Dia.	1.3
Wire Size/AWG	28 - 20

## 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

## 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

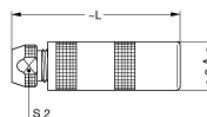
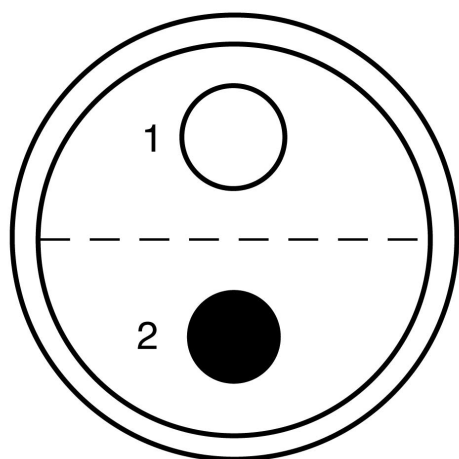
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.20 - 3.20 mm

## 図面



Contact 1: Alumel (-)  
Contact 2: Chromel (+)

## 寸法

	A	L	S2	C
mm.	11.9	40.5	8.5	6.2
になっています。	0.47	1.59	0.33	0.24

## Lemoの推奨品

### Accessories

Compatible cap

[BRF.1S.200.NAS](#)

[https://www.lemo.com/int\\_jp/solutions/originals/s-indoor-stepped-insert/pca-1s-302-clkc32f.html](https://www.lemo.com/int_jp/solutions/originals/s-indoor-stepped-insert/pca-1s-302-clkc32f.html)

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