



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Thermocouple	2
Plug	Plug - Straight
Locking system	Push-pull
Size	2S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

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

## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
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 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
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

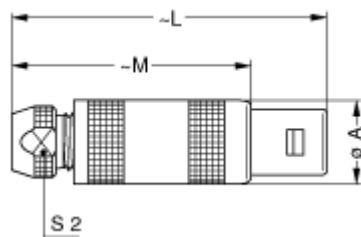
## Cable fixation

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

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S2</b>
mm.	14.8	52	40	11
in.	0.58	2.05	1.57	0.43

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-901-clnc52.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.