



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

---

Number of contacts Low Voltage	14
Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 7.00 mm
Size	4S
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.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

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	4S.714 - 1 High V. 14 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	LV 7, HV 14 A
Test voltage HV contact - Ue (kV rms)	7.2
Contact Type	Solder
Number of contacts Low Voltage	14
Number of contacts High Voltage	1
Note performance	Please use heatshrink to guarantee High Voltage performance.

## Form & Material

Shell style / Model id	PSP - Fixed receptacle, nut fixing, cable collet and inner anti-rotating device
Socket / Receptacle	Fixed Panel Front Mounted
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	147.27 g

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.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.

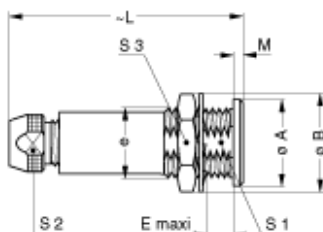
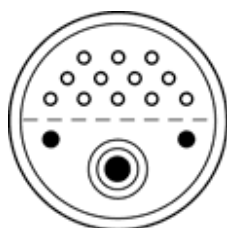
## Environment

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
Jacket cable outside diameter [mm]	6.10 - 7.00 mm

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	28	32	M25x1.0	12	75	2.5	23.5	19	30
in.	1.1	1.26		0.47	2.95	0.1	0.93	0.75	1.18

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psp-4s-714-cllc72.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.