

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

SE series

Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3S
Suggested matching part	<a href="#">FFA.3S.314.CLAC10</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-cllpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-cllpv.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

Number of contacts Low Voltage	14
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	3S.314 - 14 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	2.1
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.0354in)
Wire Size/AWG	30 - 22

## Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
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
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	50.8 g

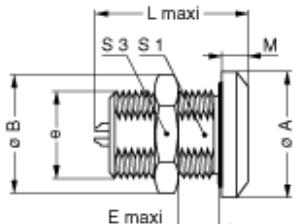
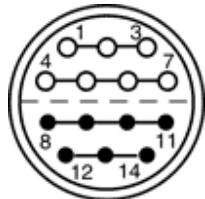
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	20/80/21
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]
Pressure	30 bars
R leak (He) (max)	10 <sup>-7</sup> mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	2.00 - 16.60 mm
------------------------------------	-----------------

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>	<b>e</b>	<b>E</b>
mm.	28	27	33	6	18.5	24	M20x1.0	18
in.	1.1	1.06	1.3	0.24	0.73	0.94		0.71

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-clpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-clpv.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.

# Recommended By Lemo

## Accessories

Compatible cap

BRE.3S.200.NAS

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T22.068PGCE	PVC	GREY	
CMN.14.T22.068PGZE		grey	
CMN.14.T22.068PNCE	PVC	Black	
CMN.14.T22.068PNZE			
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214140	PVC	Black	
214240	PTFE	White	
314250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-clpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-314-clpv.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.