



*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	1
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="#">FFB.3S.415.CLAC11</a>
Series	S - Indoor Stepped Insert

# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3S.415 - 1 High Voltage
Insulator	T: PTFE
Rated current	8 A
Test voltage (kV DC)	21
Creepage distance	28.5 mm

## 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	Circular, female
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	56.9 g

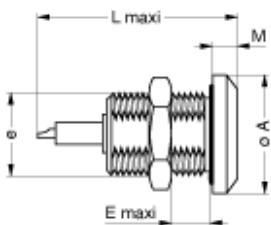
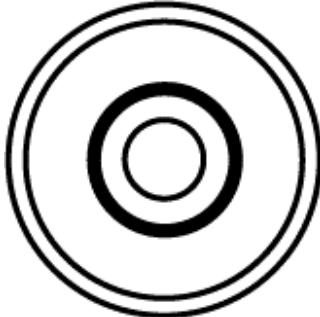
## Environment

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
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## Drawings



## Dimensions

	<b>A</b>	<b>L maxi</b>	<b>M</b>	<b>e</b>	<b>E maxi</b>
mm.	28	59	6	M20x1.0	18
in.	1.1	2.32	0.24		0.71

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-415-ctlpv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hgp-3s-415-ctlpv.html)

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# Recommended By Lemo

## Accessories

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Compatible cap

BRE.3S.200.NAS

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