



*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	2
Plug	Plug - Straight
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/ffb-4s-442-clac72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-4s-442-clac72.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	2
Contact Termination High voltage	Solder
Insert configuration value	4S.442 - 2 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Max. Dielectric Dia.	1.3 mm (0.051in)
Vtest	10500 V (AC), 15000 V (DC)

## Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
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 male pin 1
Colour	Grey
Weight	153.03 g

## 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.)
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

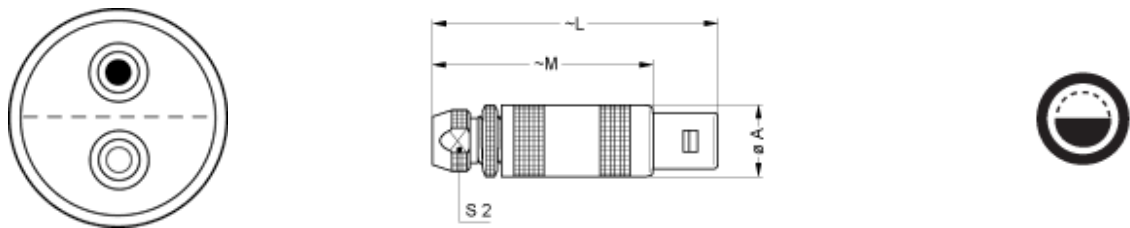
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Cable fixation

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

	A	L
mm.	24.8	81.5
in.	0.98	3.21

Recommended By Lemo

Accessories

Compatible cap	<a href="#">BFA.4S.100.NAS</a>
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