



## Summary

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High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.80 - 7.20 mm
Size	3S
Matching parts	<a href="#">ERA.3S.410.CTL</a>
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Contact Termination High voltage	Solder
Insert configuration value	3S.410 - 1 High Voltage
Insulator	T: PTFE
Rated current	10 Amps
Test voltage (kV AC)	10.5
Contact Type	Solder
Creepage distance	16.5 mm
High Voltage	1

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-3s-410-ctac72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-3s-410-ctac72.html)

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## 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	Circular, male
Weight	61.2 g

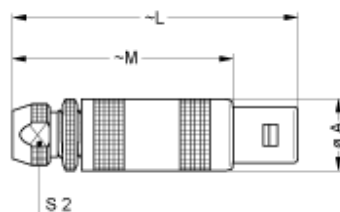
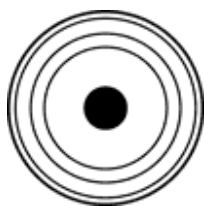
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-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]	5.80 - 7.20 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-3s-410-ctac72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-3s-410-ctac72.html)

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## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S2</b>
mm.	17.8	75	60	14
in.	0.7	2.95	2.36	0.55

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