



## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	18 - 10
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 11.00 mm
Size	4S
Matching parts	<a href="#">FFA.4S.140.CTAC11</a>
Series	S - Indoor Stepped Insert

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-4s-140-ctlc11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-4s-140-ctlc11.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4S.140 - 1 Low Voltage
Insulator	T: PTFE
Rated current	46 Amps
Vtest	3000 V (AC), 4200 V (DC)
Vtest (contact-contact)	3000 V (AC), 4200 V (DC)
Vtest (contact-shell)	3000 V (AC), 4200 V (DC)
Contact Type	Solder
Contact Dia.	4
Number of contacts Low Voltage	1
Wire Size/AWG	18 - 10

## Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
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
Weight	139.64 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
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

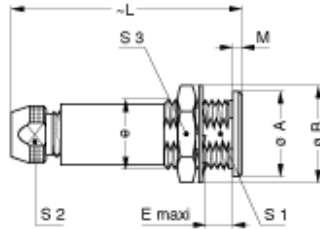
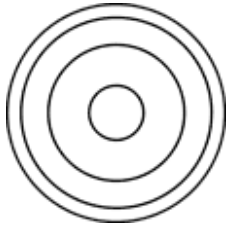
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.10 - 11.00 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

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