



## Summary

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Number of contacts Low Voltage	5
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.00 - 23.60 mm
Size	4S
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4S.305 - 2 (3 mm) + 3 (2 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2x3.0 contacts : 22 Amps and 3x2.0 contacts : 16 Amps
Vtest	2100 V (AC), 3000 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	5

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-tll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-tll.html)

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## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1

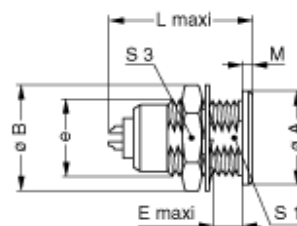
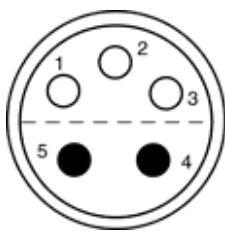
## Environment

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]

## Cable fixation

Jacket cable outside diameter [mm]	3.00 - 23.60 mm
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## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S3</b>
mm.	28	34	M25x1.0	12	34	2.5	23.5	30
in.	1.1	1.34		0.47	1.34	0.1	0.93	1.18

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-t11.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-4s-305-t11.html)

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