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## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	26 - 18
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0S
Suggested matching part	<a href="#">FFA.0S.116.CLAC27</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/erc-0s-116-cll.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/erc-0s-116-cll.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	1
Contact Termination Low voltage	Solder
Insert configuration value	0S.116 - 1 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Test voltage (kV DC)	2.1
Contact Dia.	1.6
Wire Size/AWG	26 - 18

## Form & Material

Shell style / Model id	ERC - Fixed receptacle, nut fixing with slot in the flange
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
Weight	4.19 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

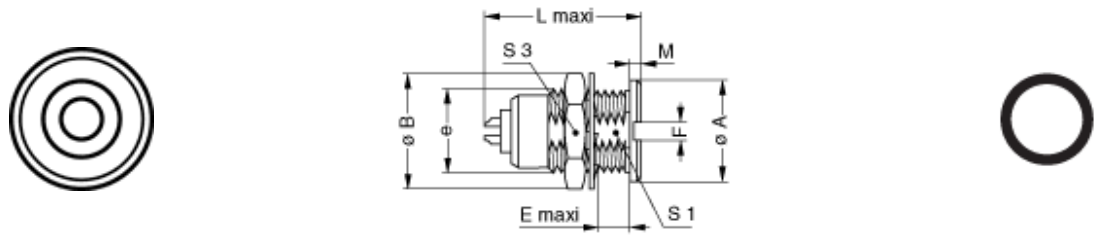
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Cable fixation

Jacket cable outside diameter [mm]	1.00 - 8.30 mm
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Drawings



Dimensions

	A	B	e	E	F	L	M	S1	S3
mm.	10	12.5	M9x0.6	7	2	18.5	1.2	8.2	11
in.	0.39	0.49		0.28	0.08	0.73	0.05	0.32	0.43