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## Summary

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Number of contacts Low Voltage	4
Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3S
Suggested matching part	<a href="#">FFA.3S.804.CLAC113</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/erd-3s-804-ctl3.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/erd-3s-804-ctl3.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	3S.804 - 1 Coax (50 Ohm), 4 Low V.
Insulator	T: PTFE
Rated current	10 A
Impedance	50 Ohm
OHM	50
Test voltage (kV DC)	1.8
Cable type	RG 179 B/U, RG 187 A/U

## Form & Material

Shell style / Model id	ERD - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	30.2 g

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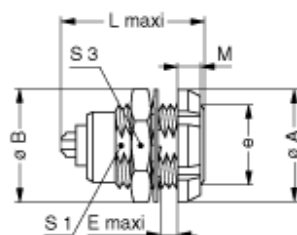
## Environment

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

## Cable fixation

Jacket cable outside diameter [mm]	2.00 - 16.60 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.	24	25.2	M18x1.0	9	29	4.5	16.5	22
in.	0.94	0.99		0.35	1.14	0.18	0.65	0.87

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.3S.200.NAS</a>
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## Tools

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Spanner 2

[DCP.99.050.TC](#)

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Spanner wrench

[Socket for torque wrench DCM.65.200.AZ](#)

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