



## Summary

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Nb of contacts Coax	1
Number of contacts Low Voltage	4
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 22.60 mm
Size	3E
Suggested matching part	<a href="#">FFA.3E.804.CLAC63Z</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-3e-804-ctl2.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-3e-804-ctl2.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	3E.804 - 1 Coax (50 Ohm), 4 Low V.
Insulator	T: PTFE
Rated current	10 A
Impedance	50 Ohm
Vtest	2100 V (AC), 3000 V (DC)
Vtest (contact-shell)	1200 V (AC), 1800 V (DC)
Cable type	RG 178 B/U, RG 196 A/U
Number of contacts Low Voltage	4

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) 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
Weight	67.38 g

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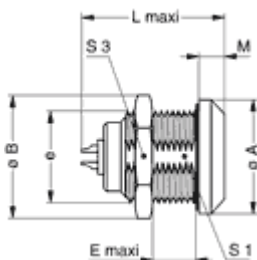
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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]	2.60 - 22.60 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.	31	34	M24x1.0	11	34	6	22.5	30
in.	1.22	1.34		0.43	1.34	0.24	0.89	1.18

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