



## Summary

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Number of contacts Low Voltage	1
Wire Size/AWG	16 - 8
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.80 - 28.60 mm
Size	4E
Suggested matching part	<a href="#">FFA.4E.160.CTAC11</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-4e-160-ctl.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-4e-160-ctl.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4E.160 - 1 Low Voltage
Insulator	T: PTFE
Rated current	70 A
Vtest	2700 V (AC), 3900 V (DC)
Contact Type	Solder
Contact Dia.	6
Number of contacts Low Voltage	1
Wire Size/AWG	16 - 8

## 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	Circular, female
Weight	100.53 g

## 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

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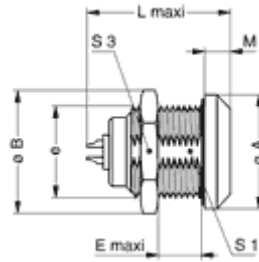
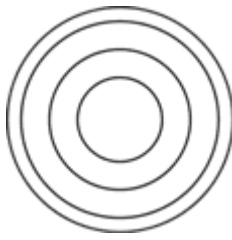
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## Cable fixation

Jacket cable outside diameter [mm]

4.80 - 28.60 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>S3</b>
mm.	37	41.5	M30x1.0	9	36	6.5	28.5	36
in.	1.46	1.63		0.35	1.42	0.26	1.12	1.42

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