



## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	7
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	2E.307 - 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3x1.3 contacts : 12 Amps and 4x0,9 contacts: 9 A
Vtest	800 V (AC), 1200 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	7

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel 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

## 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]

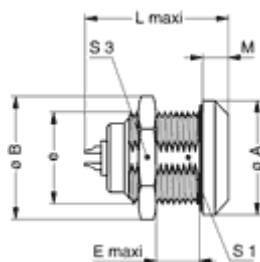
## Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
------------------------------------	-----------------

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# 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.	25	27.5	M20x1.0	9	28.5	5	18.5	24
in.	0.98	1.08		0.35	1.12	0.2	0.73	0.94

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-307-sll.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.