



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/era-1e-302-cyz.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-1e-302-cyz.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	2
Insert configuration value	1E.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	15 A
Test voltage (kV DC)	1.8
Contact Dia.	1.3
Wire Size/AWG	28 - 20

## 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	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Delivered without contact
Weight	18.44 g

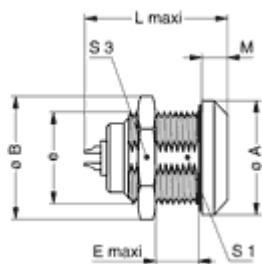
## Environment

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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# Drawings



## Dimensions

	A	B	e	E	L	M	S1	S3	L1
mm.	20	21.5	M16x1.0	9	24	4.5	14.5	19	25.3
in.	0.79	0.85		0.35	0.94	0.18	0.57	0.75	1

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BRE.1K.200.NAS</a>
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