



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	2
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eea-1k-302-klm.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eea-1k-302-klm.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	PCB - Straight
R (max)	3.6 mOhm
Insert configuration value	1K.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Vtest (contact-contact)	1500 V (AC), 2150 V (DC)
Vtest (contact-shell)	1350 V (AC), 1910 V (DC)
Contact Dia.	1.3 mm (0.051in)
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with straight contacts for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	18.87 g

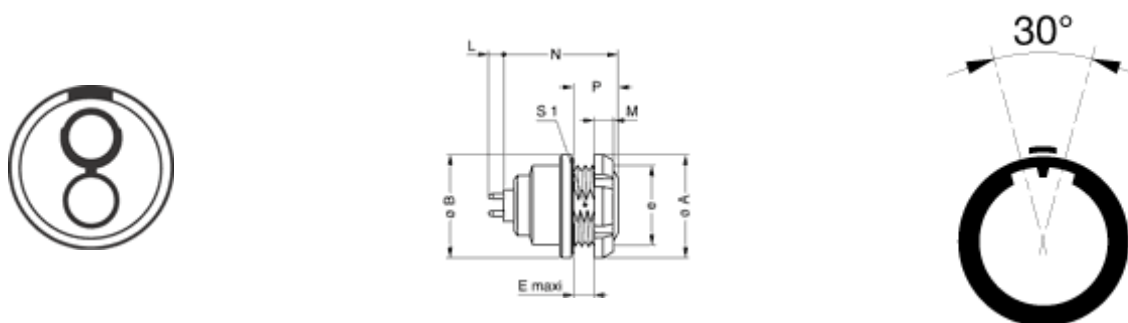
[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/eea-1k-302-kln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eea-1k-302-kln.html)

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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, 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

## Drawings



## Dimensions

	<b>N</b>	<b>M</b>	<b>P</b>	<b>e</b>	<b>B</b>	<b>A</b>	<b>S1</b>	<b>E</b>
mm.	23.8	3.5	10	M16x1.0	20	20	14.5	6.2
in.	0.94	0.14	0.39		0.79	0.79	0.57	0.24

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# Recommended By Lemo

## Accessories

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