

Standard



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0T
Suggested matching part	<a href="#">FGG.0T.305.CLAC45</a>
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	PCB - Elbow
R (max)	6.1 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4.8 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1 kV (DC)
Contact Dia.	0.7 mm (0.028in)
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with elbow contacts for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	5.17 g

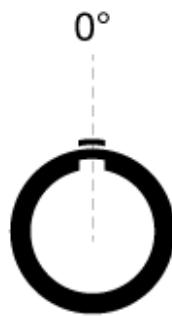
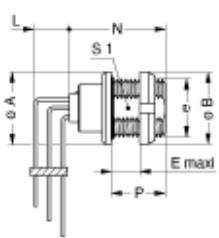
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
Salt Spray Corrosion	>1000 hr

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eeg-0t-305-clv.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eeg-0t-305-clv.html)

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# Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>Lmax</b>	<b>N</b>	<b>S1</b>	<b>P</b>
mm.	12	12	M9x0.6	6.5	23.58	16	8.2	9
in.	0.47	0.47		0.26	0.93	0.63	0.32	0.35

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.0T.200.CAZ</a>
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### Tools

Spanner 2	<a href="#">DCM.65.106.AZ4</a>
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Spanner wrench	<a href="#">Socket for torque wrench DCM.0S.M09.4</a>
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## CAD

### Documents

PCB	<a href="#">Download</a>
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PCB Eagle	<a href="#">Download</a>
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Kicad	<a href="#">Download</a>
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PCB Altium	<a href="#">Download</a>
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[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/eeg-0t-305-clv.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eeg-0t-305-clv.html)

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