



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	14
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1T
Suggested matching part	<a href="#">FGA.1T.314.KLAC40</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/ega-1t-314-kll.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/ega-1t-314-kll.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	T.314 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Black

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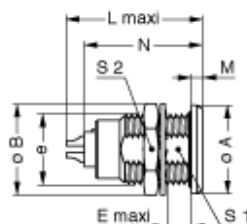
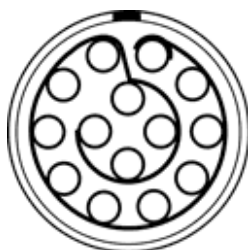
## Environment

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.)
Climatical 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

## Cable fixation

Jacket cable outside diameter [mm]	1.00 - 10.60 mm
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## Drawings



## Dimensions

	A	B	e	E	L	M	N	S1	S2
mm.	15.5	16	M12x1.0	6	23	1.8	21.5	10.5	14
in.	0.61	0.63		0.24	0.91	0.07	0.85	0.41	0.55

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# Recommended By Lemo

<b>Accessories</b>	
Compatible cap	<a href="#">BRE.1T.200.KAZ</a>

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	