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Summary

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Number of contacts Low Voltage	12
Wire Size/AWG	36 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0T
Suggested matching part	FGG.0T.312.BLAC40N
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-0t-312-blln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0T.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.5 A
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	1000 V (AC), 1400 (DC)
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Wire Size/AWG	36 - 28
Gender	Standard

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing, black POM outer shell
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	POM (Polyoxymethylene, black) 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	Black
Weight	4.69 g

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-0t-312-blIn.html

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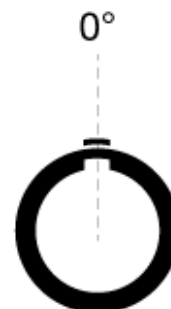
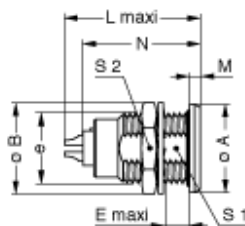
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-50°C / +115°C
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 - 8.30 mm
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Drawings



Dimensions

	A	B	e	E	L	M	N	S1	S2
mm.	12	12.5	M9x0.6	6	21	1.5	19.1	8.2	11
in.	0.47	0.49		0.24	0.83	0.06	0.75	0.32	0.43

Recommended By Lemo

Accessories

Compatible cap [BRE.0T.200.CAZ](#)

Tools

Spanner [DCA.91.161.1TN](#)

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