



Image for illustrative purpose only

# **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	9
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 - 8.30 mm
Size	ОТ
Suggested matching part	FGG.0T.309.CLAC50Z
Series	T - Small Outdoor keyed

https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/egg-0t-309-cll.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# **Technical details**

Number of contacts Low Voltage	9				
Contact Termination Low voltage	Solder				
R (max)	8.7 mOhm				
Insert configuration value	T.309 - 9 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	2.5 A				
Vtest (contact-contact)	1.1 kV (DC)				
Vtest (contact-shell)	1.6 kV (DC)				
Max. Solid Conductor	0.09 mm^2 (AWG 28)				
Max. Stranded Conductor	0.09 mm^2 (AWG 28)				
Bucket Dia.	0.45 mm (0.018in)				
Contact Dia.	0.5 mm (0.02in)				
Wire Size/AWG	34 - 28				
Gender	Standard				
orm & Material					
Shell style / Model id	EG - Fixed receptacle, nut fixing				
Socket / Receptacle	Fixed Panel Front 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, receptacles female contacts)				
Colour	Grey				
Weight	5.04 g				

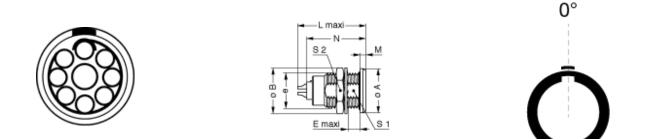
### https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/egg-0t-309-cll.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

### 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 - 8.30 mm				

# **Drawings**



### Dimensions

	Α	В	е	Е	L	Μ	Ν	<b>S1</b>	<b>S2</b>
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

### https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/egg-0t-309-cll.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## **Recommended By Lemo**

CMN.09.T28.051QGZE

# Accessories Compatible cap BRE.0T.200.CAZ Tools DCA.91.161.1TN Spanner DCA.91.161.1TN CableS Colour Cable image CMN.09.T28.050CNQZ grey CMN.09.T28.051PGZE grey

Grey

https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/egg-0t-309-cll.html

TPR (medical)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.