



Image for illustrative purpose only

### **Summary**

Request a quote

Catalog

Number of contacts Low Voltage	5
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	2Т
Suggested matching part	FGA.2T.305.CLAC85Z
Series	T - Small Outdoor keyed

https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/ega-2t-305-cll.html

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# **Technical details**

Number of contacts Low Voltage	5	
Contact Termination Low voltage	Solder	
R (max)	3.6 mOhm	
Insert configuration value	T.305 - 5 Low Voltage	
Insulator	L: PEEK (UL 94 / V-0/1.5)	
Rated current	14 A	
Vtest (contact-contact)	2.5 kV (DC)	
Vtest (contact-shell)	2.3 kV (DC)	
Max. Solid Conductor	0.5 mm^2 (AWG 20)	
Max. Stranded Conductor	0.5 mm^2 (AWG 20)	
Bucket Dia.	1 mm (0.039in)	
Contact Dia.	1.3 mm (0.051in)	
Wire Size/AWG	28 - 20	
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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)	
Colour	Grey	

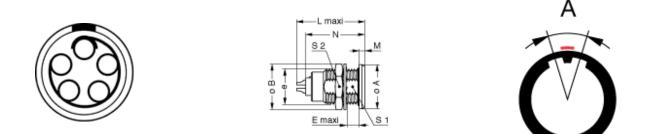
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### Environment

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 - 12.60 mm			

## **Drawings**



### Dimensions

	Α	В	е	Е	L	Μ	Ν	<b>S1</b>	<b>S2</b>
mm.	18.5	19.6	M15x1.0	13.5	23.6	1.8	24.6	13.5	17
in.	0.73	0.77		0.53	0.93	0.07	0.97	0.53	0.67

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### **Recommended By Lemo**

### Accessories

Compatible cap

BRE.2T.200.CAZ

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T20.057PGZE		grey	
CMN.05.T20.057PNZE			
CMN.05.T20.057QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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