## EGG.2T.302.KLL





Image for illustrative purpose only

## **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
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	2T
Suggested matching part	FGG.2T.302.KLAC85Z
Series	T - Small Outdoor keyed

# **Technical details**

### **Electrical Configuration**

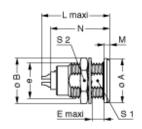
<b>_</b>		
Number of contacts Low Voltage	2	
Contact Termination Low voltage	Solder	
R (max)	3.3 mOhm	
Insert configuration value	T.302 - 2 Low Voltage	
Insulator	L: PEEK (UL 94 / V-0/1.5)	
Rated current	20.5 A	
Vtest (contact-contact)	3 kV (DC)	
Vtest (contact-shell)	2.9 kV (DC)	
Max. Solid Conductor	1.5 mm^2 (AWG 14)	
Max. Stranded Conductor	1.5 mm^2 (AWG 16)	
Bucket Dia.	1.8 mm (0.071in)	
Contact Dia.	2 mm (0.079in)	
Wire Size/AWG	22 - 14	
Gender	Standard	
orm & 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
Colour	Black	
Weight	8.68 g	

#### **Environment**

Technical domain	Energy and Industrial, Test and Measurement			
Environmental sealing (IP rating)	IP68			
Endurance	>3000 mating cycles			
Temperature range	-55°C / $\pm$ 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**

	A	В	е	E	L	М	N	<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

# **Recommended By Lemo**

#### **Accessories**

Compatible cap	BRE.2T.200.KAZ	
Tools		
Spanner	DCA.91.231.7TN	

### **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.02.T14.072PGZE		grey	
CMN.02.T14.072PNZE		black	
CMN.02.T14.072QGZE	TPR (medical)	Grey	= ===
CMN.02.T14.078PGZE		grey	-
CMN.02.T14.078PNZE			====
CMN.02.T18.064UNCU			
CMN.02.T20.047PGZE		grey	
CMN.02.T20.047PNZE			= ==
CMN.02.T20.048QGZE	TPR (medical)	Grey	
CMN.02.T28.030PGCE	PVC	GREY	>
CMN.02.T28.030PGZE		grey	-
CMN.02.T28.030PNCE	PVC	Black	> >
CMN.02.T28.030PNZE			
102080	PVC	Grey	
120184	PVC	Black	>=
120240	PVC	Black	
120250	PVC	Grey	<del>=</del>
120500	PVC	Grey	>
120501	PVC	Grey	~
120751	PVC	Grey	>
20140	PVC	Grey	
20140	PVC	Grey	
20141	PVC	Grey	
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	-16
20146	PVC	Black	
20240	PTFE	White	*>
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	- 8
2050	PVC	Black	=
20550	PUR	Black	**************************************
20560	PUR	White	-
2080	PVC	Grey	
220151	PVC	Grey	
220750	PVC	Grey	=
2221	PVC	Black	- FEE
2260	PTFE	White	*>
2280	PVC	Black	
320150	PVC	Grey	~
4082	PVC	Grey	
CMB.02.210.635	PUR	Black	

### $\underline{https://www.lemo.com/int\_en/solutions/originals/t-outdoor-keyed/egg-2t-302-kll.html}$

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