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## Summary

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Number of contacts Low Voltage	10
Wire Size/AWG	18 - 10
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 42.60 mm
Size	5K
Suggested matching part	<a href="#">FGG.5K.310.CLAC10</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-5k-310-cll.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-5k-310-cll.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
R (max)	3.1 mOhm
Insert configuration value	5K.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 A
Vtest (contact-contact)	3.3 kV (DC)
Vtest (contact-shell)	3.2 kV (DC)
Max. Solid Conductor	4 mm <sup>2</sup> (AWG 10)
Max. Stranded Conductor	4 mm <sup>2</sup> (AWG 12)
Bucket Dia.	2.7 mm (0.106in)
Contact Dia.	3 mm (0.118in)
Wire Size/AWG	18 - 10
Gender	Standard

## Form & 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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	286.18 g

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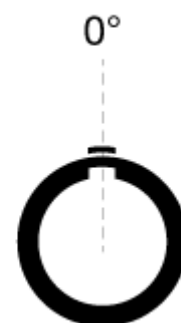
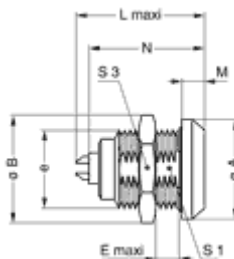
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 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]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	4.00 - 42.60 mm
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## Drawings



## Dimensions

	A	E	L	M	N	S1	e	B
mm.	55	10	47.5	9	43.6	42.5	M45x1.5	54
in.	2.17	0.39	1.87	0.35	1.72	1.67		2.13

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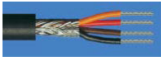


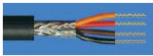




# Recommended By Lemo

## Accessories

Compatible cap

[BRE.5K.200.NAS](#)

## Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T20.080PGZE		grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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