

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[BKT series](#)

Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 18.60 mm
Size	2K
Suggested matching part	FGG.2K.319.CLAC70
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-2k-319-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	19
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	2K.319 - 19 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	35.13 g

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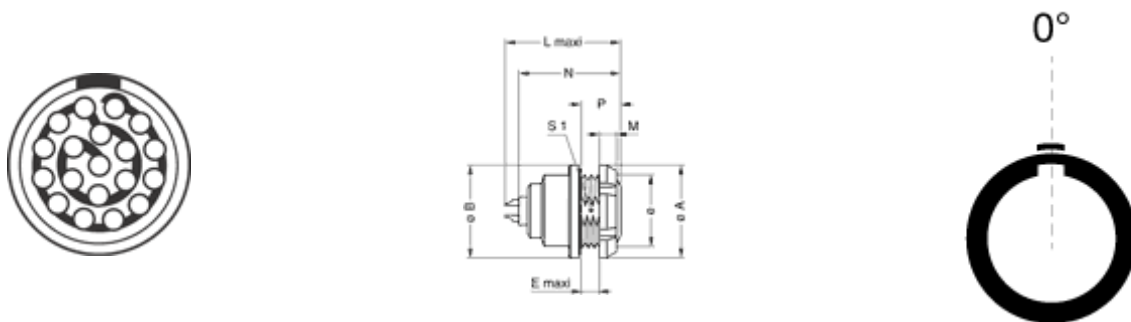
Environment

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.)
Climatic 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]	1.00 - 18.60 mm
Panel Drill Hole	M20

Drawings



Dimensions

	B	e	E	L	M	N	P	A	S1
mm.	25	M20x1.0	5	30.7	3.5	28.6	10	25	18.5
in.	0.98		0.2	1.21	0.14	1.13	0.39	0.98	0.73

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Recommended By Lemo

Accessories	
Compatible cap	BRE.2K.200.NAS
Tools	
Spanner 2	DCM.65.225.AZ6
Spanner wrench	Socket for torque wrench DCM.2E.M20.6

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.19.T22.079QGZE	TPR (medical)	Grey	