



## Summary

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Number of contacts Low Voltage	10
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/hgg-2k-310-clnp.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-2k-310-clnp.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	2K.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Vtest (contact-contact)	1450 V (AC), 2050 V (DC)
Vtest (contact-shell)	1300 V (AC), 1840 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	10
Gender	Standard

## Form & Material

Shell style / Model id	HG - Fixed receptacle, nut fixing, watertight or vacuum-tight
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Watertight unmated (connector to device)
Weight	44.99 g

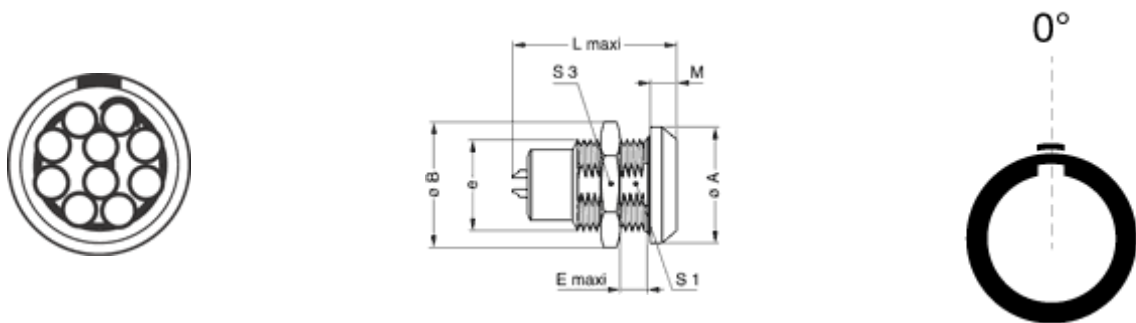
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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatical Category	20/80/21
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]
Pressure	40 bars
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>S3</b>	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>
mm.	24	25	27.5	M20x1.0	13	33.7	5	18.5
in.	0.94	0.98	1.08		0.51	1.33	0.2	0.73

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