



## Summary

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Number of contacts Low Voltage	12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/heg-2k-312-xlnpv.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/heg-2k-312-xlnpv.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	2K.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	1350 V (AC), 1910 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	12
Gender	Standard

## Form & Material

Shell style / Model id	HE - Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Aluminium (anthracite) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Watertight / Vacuum-tested unmated (connector to device)

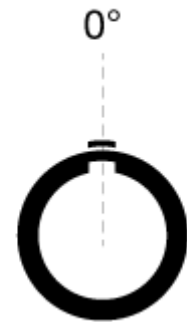
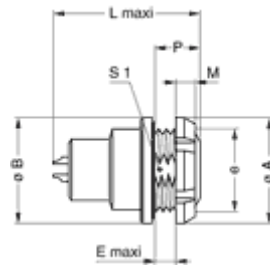
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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
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
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion	max. 48 hr

## Drawings



## Dimensions

	<b>A</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>P</b>	<b>S1</b>	<b>B</b>	<b>e</b>
mm.	25	5	33.7	3.5	10	18.5	25	M20x1.0
in.	0.98	0.2	1.33	0.14	0.39	0.73	0.98	

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