



## Summary

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Number of contacts Low Voltage	24
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 28.60 mm
Size	4K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/hgg-4k-324-cllpve.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-4k-324-cllpve.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	4K.324 - 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1450 V (AC), 2050 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	24
Wire Size/AWG	30 - 22
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	PVE : Potted, vacuum-tested, EPDM
Weight	125.63 g

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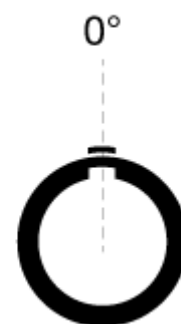
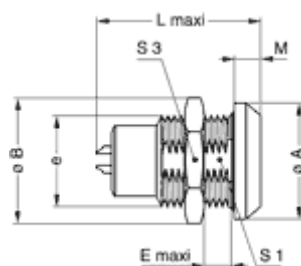
## Environment

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	15 bars
R leak (He) (max)	0.0000001 mbar*/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	4.00 - 28.60 mm
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## Drawings



## Dimensions

	S3	A	B	e	E	L	M	S1
mm.	36	37	40.5	M30x1.0	14	49.2	6.5	28.5
in.	1.42	1.46	1.59		0.55	1.94	0.26	1.12

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# Recommended By Lemo









## Accessories

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## Tools

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.24.T22.082PGCE	PVC	GREY	
CMN.24.T22.082PGZE		grey	
CMN.24.T22.082PNCE	PVC	Black	
CMN.24.T22.082PNZE			
224260	PVC	Black	
248080	PVC	Grey	
324220	PVC	Black	
324240	PVC	Black	
424250	PVC	Grey	

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