



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	8
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 18.60 mm
Size	2K
Suggested matching part	FGG.2K.308.CLAC50
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-2k-308-cllpv.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	2K.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Vtest (contact-contact)	2.1 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.	0.9 mm (0.035in)
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	44.48 g

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-2k-308-cllpv.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

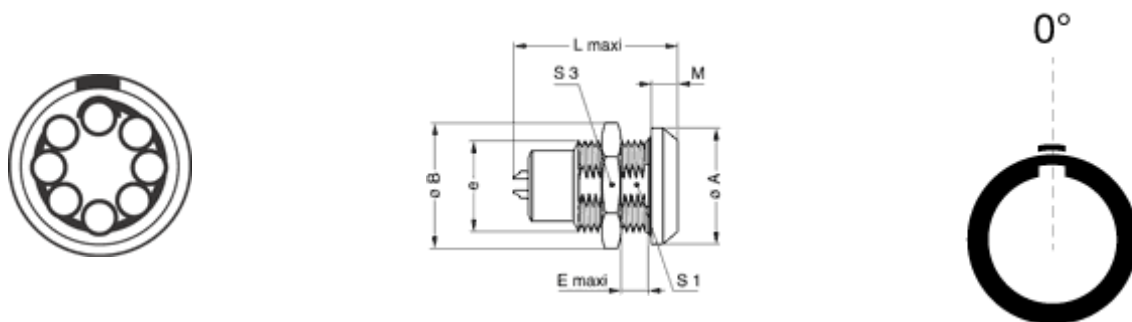
Environment

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	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 18.60 mm
------------------------------------	-----------------

Drawings



Dimensions

	S3	A	B	e	E	L	M	S1
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

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-2k-308-cllpv.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.














Recommended By Lemo

Accessories

Compatible cap

[BRE.2K.200.NAS](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/hgg-2k-308-cllpv.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.