



*Image for illustrative purpose only*

## Summary

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Nb of contacts Fiber optic	6
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.60 - 9.50 mm
Size	4K
Suggested matching part	<a href="#">FGG.4K.97B.CLCT96Z</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-4k-97b-clmt96z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-4k-97b-clmt96z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	6
Contact Termination Fiber optic	Crimp
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Crimp
Gender	Standard

## Form & Material

Shell style / Model id	PH - Free receptacle, cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
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	Nut for fitting a bend relief
Weight	161.57 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-40°C / +80°C
Climatical 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

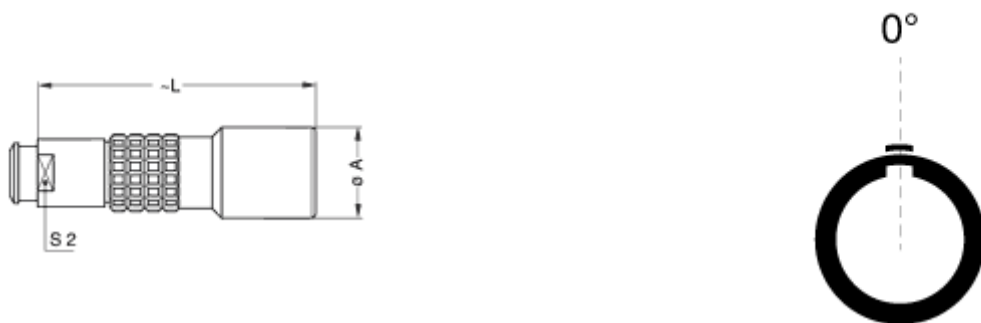
[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-4k-97b-clmt96z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-4k-97b-clmt96z.html)

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## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	8.60 - 9.50 mm

## Drawings



## Dimensions

	A	L	S2
mm.	29	75.5	19
in.	1.14	2.97	0.75

## Recommended By Lemo

### Accessories

Replacement contact	<a href="#">EGG.2B.670.ZZM</a>
Compatible cap	<a href="#">BRF.4K.200.NAS</a>

### Tools

Positionner	<a href="#">DCE.91.162.BVCM</a>
Extraction tool	<a href="#">DCC.16.25B.LAG</a>
Spanner wrench	<a href="#">DCD.4E.ZZZ.PA190</a>

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