



## Summary

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Nb of contacts Fiber optic	9
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Size	5K
Suggested matching part	<a href="#">FGG.5K.99B.CLAT20</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-5k-99b-cllt20.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-5k-99b-cllt20.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	9
Contact Termination Fiber optic	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Gender	Standard

## Form & Material

Shell style / Model id	PH - Free receptacle, cable collet
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	421.89 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

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## Cable fixation

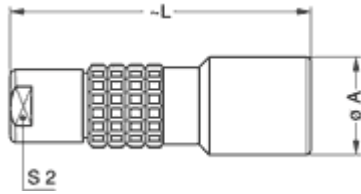
Cable termination protection

Standard back nut (no additional protection)

Fixation type

T type cable adapter

## Drawings



## Dimensions

	<b>L</b>	<b>A</b>	<b>S2</b>
mm.	95	42	32
in.	3.74	1.65	1.26

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