



*Image for illustrative purpose only*

## Summary

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Nb of contacts Fiber optic	10
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 8.00 mm
Size	5K
Suggested matching part	<a href="#">FGG.5K.03J.CLZT81Z</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-5k-03j-clzt81z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-5k-03j-clzt81z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	10
Insert configuration value	5K.03J - 10 FO Type F2 (<= 140 um)
Insulator	L: PEEK (UL 94 / V-0/1.5)
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	407.22 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°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

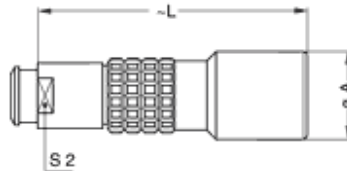
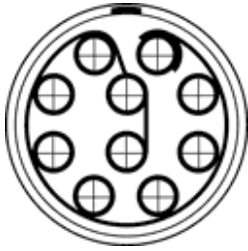
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## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	7.10 - 8.00 mm

## Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>S2</b>
mm.	42	82	32
in.	1.65	3.23	1.26

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