

*Image for illustrative purpose only*

## Summary

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Nb of contacts Fiber optic	8
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	11.60 - 12.50 mm
Size	4K
Suggested matching part	<a href="#">EGG.4K.03G.CLZ</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fng-4k-03g-slzt12z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fng-4k-03g-slzt12z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	8
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

## Form & Material

Shell style / Model id	FN - Straight plug, cable collet and lanyard release and nut for fitting a bend relief
Plug	Straight
Housing material	Stainless steel shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and 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	140.08 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]

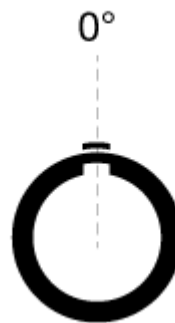
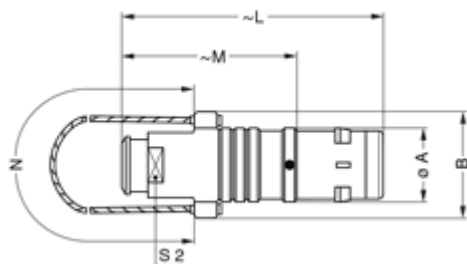
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## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	11.60 - 12.50 mm

## Drawings



## Dimensions

	A	B	L	S2	M	N
mm.	25	35	78.5	20	59	230
in.	0.98	1.38	3.09	0.79	2.32	9.06

## Recommended By Lemo

### Accessories

Compatible cap

[BFG.4K.100.NAS](#)

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fng-4k-03g-sizt12z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fng-4k-03g-sizt12z.html)

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