

## Summary

[Request a quote](#)

[Catalog](#)

Fiber optic	1
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Size	1K
Series	K - Outdoor keyed

## Technical details

### Electrical Configuration

Fiber optic	1
Contact Termination Fiber optic	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Gender	Reverse Gender

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.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.

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Variant	Nut for fitting a bend relief
Weight	34.14 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

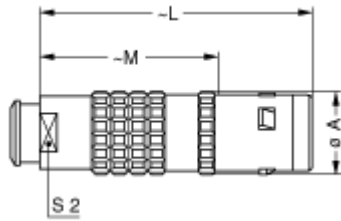
## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter

# Drawings

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.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.



## Dimensions

	<b>M</b>	<b>A</b>	<b>S2</b>	<b>L</b>
mm.	28	13	9	42
in.	1.1	0.51	0.35	1.65

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-1k-92a-cllt46z.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.