



## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	10
Wire Size/AWG	18 - 10
Gender	Reverse Gender
Locking system	Push-pull
Size	5K
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fzl-5k-310-ullz.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fzl-5k-310-ullz.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.

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.1 mOhm
Insert configuration value	5K.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 Amps
Vtest (contact-contact)	2350 V (AC), 3320 V (DC)
Vtest (contact-shell)	2300 V (AC), 3250 V (DC)
Contact Type	Solder
Max. Solid Conductor	4 mm <sup>2</sup> (AWG 10)
Max. Stranded Conductor	4 mm <sup>2</sup> (AWG 12)
Bucket Dia.	2.7 mm (0.106in)
Contact Dia.	3 mm (0.118in)
Number of contacts Low Voltage	10
Wire Size/AWG	18 - 10
Gender	Reverse Gender

## Form & Material

Housing material	Stainless steel shell, collet nut, latch sleeve, mid pieces, collet and washers
Locking system	Push-pull
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Weight	508.29 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-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]

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fzl-5k-310-ullz.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fzl-5k-310-ullz.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.

**Cable fixation**

Cable termination protection

Standard back nut (no additional protection)