



## Summary

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Thermocouple	2
Number of contacts Low Voltage	1
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 7.50 mm
Size	3K
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fgl-3k-303-tlkc75.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-3k-303-tlkc75.html)

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## Electrical Configuration

Contact Termination Low voltage	Solder
Thermocouple	2
Contact Termination Thermocouple	Solder
Insert configuration value	3K.303 - Thermocouple 1 Pair, 1 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 Amps
Contact Dia.	2 mm (0.079" in)
Number of contacts Low Voltage	1
Wire Size/AWG	22 - 14
Gender	Reverse Gender

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Stainless steel 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)
Weight	64.41 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]

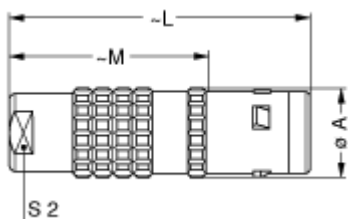
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.10 - 7.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>S2</b>	<b>M</b>
mm.	19	61	15	41
in.	0.75	2.4	0.59	1.61

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