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Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.10 - 12.80 mm
Size	4K
Suggested matching part	EGL.4K.306.CLA
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgl-4k-306-cllc12z.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	4K.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	24 A
Vtest (contact-contact)	2000 V (AC), 2850 V (DC)
Vtest (contact-shell)	1750 V (AC), 2500 V (DC)
Contact Type	Solder
Max. Solid Conductor	1.5 mm ² (AWG 14)
Max. Stranded Conductor	1.5 mm ² (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	6
Wire Size/AWG	22 - 14
Gender	Reverse Gender

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)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	144.83 g

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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

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.10 - 12.80 mm

Recommended By Lemo

Accessories

Compatible cap	BFL.4K.100.NAS
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