

Special



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Summary

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Fluidic connectors 00 B

Number of contacts Low Voltage	10
Nb of contacts Fluidic	1
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 10.50 mm
Size	2K
Suggested matching part	EGG.2K.015.CLL
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-2k-015-clak11.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Nb of contacts Fluidic	1
Insert configuration value	2K.015 - 1 Fluidic, 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Contact Inner Dia.	1.3 mm (0.051in)
Tube Inner Dia.	2.2 mm (0.086in)
Vtest	1060 V (AC), 1500 V (DC)
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug with oversize cable collet
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	58.85 g

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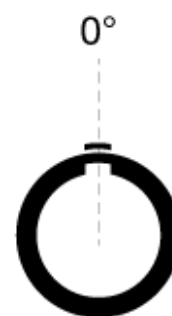
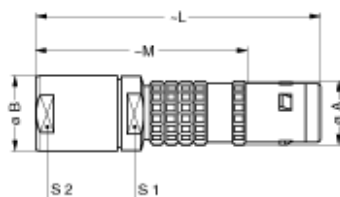
Environment

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 (max. temperature valid for short periods of use.)
Climatic 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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.10 - 10.50 mm

Drawings



Dimensions

	S1	A	B	L	M	S2
mm.	15	16	17	68	52	15
in.	0.59	0.63	0.67	2.68	2.05	0.59

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Recommended By Lemo

Accessories

Compatible cap [BFG.2K.100.NAS](#)

Tools

Spanner [DCP.91.023.TN](#)

Spanner wrench [DCD.2E.ZZZ.PA120](#)

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