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Summary

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Number of contacts Low Voltage	40
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	18.60 - 19.50 mm
Size	5K
Suggested matching part	EGG.5K.340.TLLE
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fgg-5k-340-tlac19e.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	40
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	5K.340 - 40 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1.9 kV (DC)
Vtest (contact-shell)	2 kV (DC)
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable collet, gasket and O-ring in EPDM
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Gasket and O-ring in EPDM
Weight	379.86 g

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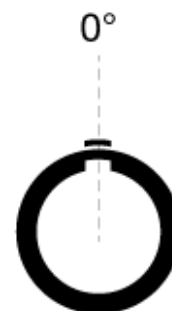
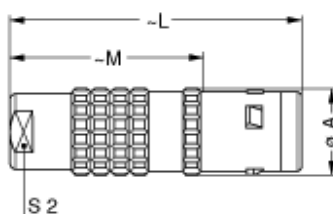
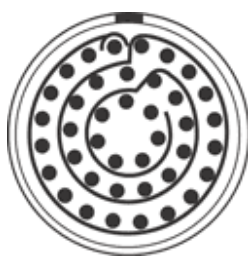
Environment

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.)
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]

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	18.60 - 19.50 mm

Drawings



Dimensions

	S2	M	L	A
mm.	30	67	92	38
in.	1.18	2.64	3.62	1.5

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Recommended By Lemo

Accessories

Compatible cap	BFG.5K.100.NAS
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