



Summary

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Fiber optic	1
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.10 - 12.80 mm
Size	3K
Matching parts	EGA.3K.92X.CLL
Series	K - Outdoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fga-3k-92x-clak12.html

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Electrical Configuration

Fiber optic	1
Contact Termination Fiber optic	Solder
Insert configuration value	3K.92X - 1 FO Type F2, 22 LV
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 Amps
Fiber Optic Contact	Type F2 (must be ordered separately)
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	700 V (AC), 990 V (DC)
Contact Type	Solder
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	2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Weight	104.4 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental protection (IP rating)	IP68
Minimal temperature	-40°C / +80°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

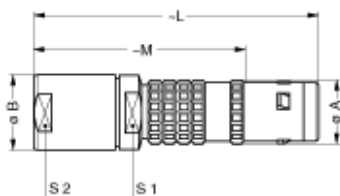
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.10 - 12.80 mm

Drawings



Dimensions

	M	L	B	S2	S1	A
mm.	65	85	22	19	19	19
in.	2.56	3.35	0.87	0.75	0.75	0.75

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