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Summary

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Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.60 - 9.00 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fhg-3k-314-cyzc90z.html

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Technical details

Electrical Configuration

Insert configuration value	3K.314 - 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	9 A
Contact Type	No contact(s)
Contact Dia.	0.9
Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FH - Elbow plug, cable collet and nut for fitting a bend relief
Plug	Elbow
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
Variant	Nut for fitting a bend relief
Weight	100.21 g

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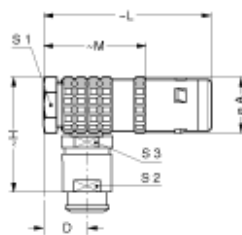
Environment

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]	8.60 - 9.00 mm

Drawings



Dimensions

	S2	S3	A	D	L	M	S1
mm.	15	16	21	11.5	60	40	18
in.	0.59	0.63	0.83	0.45	2.36	1.57	0.71

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Recommended By Lemo

Accessories

Compatible cap

[BFG.3K.100.NAS](#)

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