



## Summary

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Number of contacts Low Voltage	10
Wire Size/AWG	32 - 28
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	1K
Matching parts	<a href="#">EGG.1K.310.CLL</a>
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fhg-1k-310-cyck85z.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fhg-1k-310-cyck85z.html)

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## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	1K.310 - 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	2.5 Amps
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1800 V (AC), 2550 V (DC)
Contact retention	12 N
Contact Type	Crimp
Max. Conductor	0.09 mm <sup>2</sup> (AWG 28)
Min. Conductor	0.035 mm <sup>2</sup> (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	10
Wire Size/AWG	32 - 28
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief

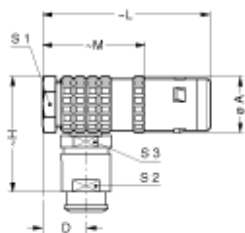
## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

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# Drawings



## Dimensions

	<b>S3</b>	<b>A</b>	<b>D</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	10	14	8.8	43	29	12	9
in.	0.39	0.55	0.35	1.69	1.14	0.47	0.35

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