

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	0K
Suggested matching part	<a href="#">EGG.0K.306.KLL</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/fhg-0k-306-klac50.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/fhg-0k-306-klac50.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0K.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 A
Vtest (contact-contact)	850 V (AC), 1200 V (DC)
Vtest (contact-shell)	650 V (AC), 920 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	6
Wire Size/AWG	34 - 28
Gender	Standard

## Form & Material

Shell style / Model id	FH - Elbow plug, cable collet
Plug	Elbow
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	17.95 g

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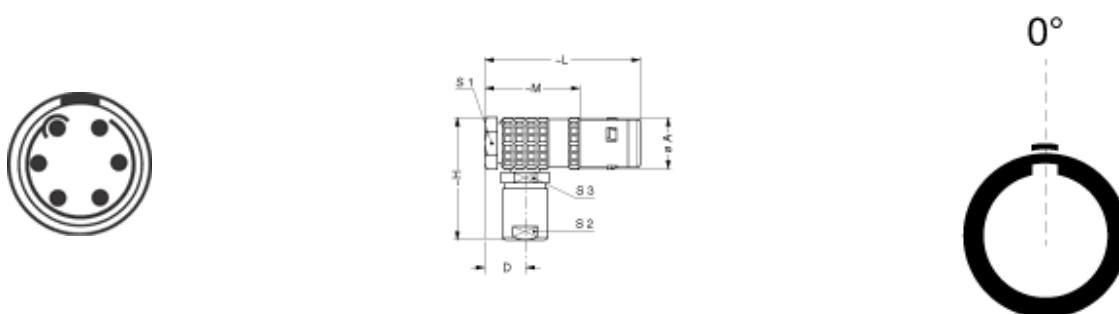
## Environment

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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

## Drawings



## Dimensions

	<b>D</b>	<b>A</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	7.6	11.5	27	36	25	10	8	8
in.	0.3	0.45	1.06	1.42	0.98	0.39	0.31	0.31

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# Recommended By Lemo

<b>Accessories</b>	
Compatible cap	<a href="#">BFG.0K.100.NAS</a>
<b>Tools</b>	
Spanner wrench	<a href="#">DCD.0E.ZZZ.PA080</a>

## Cables

Cable PartNumber	Material	Colour	Cable image
6280	PVC	Black	