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Summary

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Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	3K
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phl-3k-8h2-cjck111.html

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Technical details

Electrical Configuration

R (max)	5.8 mOhm
Insulator	J: PEEK/PEEK
Rated current	2 A
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.34 mm ² (AWG 22)
Contact Dia.	0.7 mm (0.028in)
Gender	Reverse Gender

Form & Material

Shell style / Model id	PH - Free receptacle with oversize cable collet
Socket / Receptacle	Free
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 (gamma=75, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	127.13 g

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

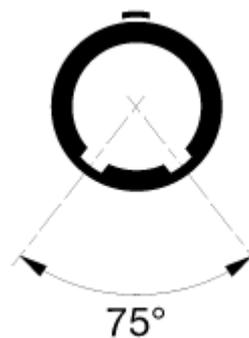
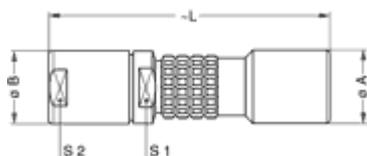
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

Drawings



Dimensions

	A	B	L	S2	S1
mm.	23	22	89	19	19
in.	0.91	0.87	3.5	0.75	0.75

Recommended By Lemo

Accessories

Replacement contact	FGG.3B.560.ZZC
Compatible cap	BRF.3K.200.NAS

Tools

Die Tool	DPE.99.103.8K
Positionner	DCE.91.093.BVC
Extraction tool	DCC.09.05B.LAG
Spanner wrench	DCD.3E.ZZZ.PA150

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