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Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	32 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	0K
Suggested matching part	FGG.0K.306.CYCC45Z
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-0k-306-cymc45z.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	OK.306 - 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	2.5 A
Vtest (contact-contact)	1400 V (AC), 1980 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact retention	12 N
Contact Type	Crimp
Max. Conductor	0.09 mm ² (AWG 28)
Min. Conductor	0.035 mm ² (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	6
Wire Size/AWG	32 - 28
Gender	Standard

Form & Material

Shell style / Model id	PH - Free receptacle, cable collet and nut for fitting a bend relief
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	15.26 g

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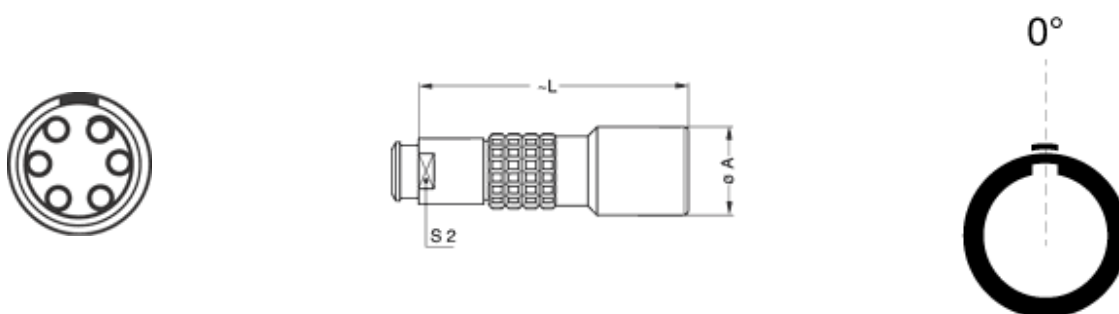
Environment

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]	4.10 - 4.50 mm

Drawings



Dimensions

	A	L	S2
mm.	13	34	7
in.	0.51	1.34	0.28

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Recommended By Lemo

Accessories

Replacement contact	EGG.0B.654.ZZM
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Compatible cap	BRF.0K.200.NAS
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Tools



Positionner	DCE.91.050.BVM
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Extraction tool	DCC.05.02B.LAG
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Crimp tool	DPC.91.701.V
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Spanner wrench	DCD.0E.ZZZ.PA070
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			

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