



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	12 - 10
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.60 - 13.50 mm
Size	5K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/pkl-5k-304-ylcc13.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/pkl-5k-304-ylcc13.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	2.8 mOhm
Insert configuration value	5K.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	48 A
Vtest (contact-contact)	4.5 kV (DC)
Vtest (contact-shell)	3.4 kV (DC)
Contact retention	90 N
Max. Conductor	6 mm <sup>2</sup> (AWG 10)
Min. Conductor	4 mm <sup>2</sup> (AWG 12)
Bucket Dia.	4 mm (0.157in)
Contact Dia.	4 mm (0.157in)
Wire Size/AWG	12 - 10
Gender	Reverse Gender

## Form & Material

Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Special housing (see notes for details)
Locking system	Push-pull
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Weight	478.89 g

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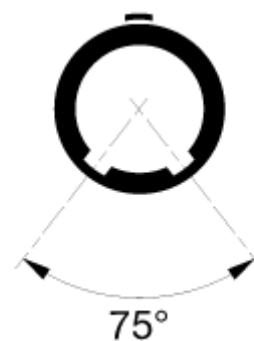
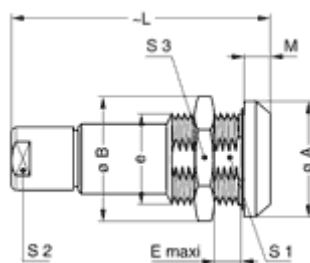
## Environment

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]

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.60 - 13.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	55	54	M45x1.5	15	98	9	42.5	30
in.	2.17	2.13		0.59	3.86	0.35	1.67	1.18

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# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">FGG.5B.582.ZZC</a>
Compatible cap	<a href="#">BRE.5K.200.NAS</a>
Tools	
Positionner	<a href="#">DCE.91.405.BVCM</a>
Extraction tool	<a href="#">DCC.40.45B.LAG</a>
Crimp tool	<a href="#">DPC.91.102.V</a>