



Image for illustrative purpose only

## Summary

<a href="#">Request a quote</a>	
<a href="#">Catalog</a>	
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 10.50 mm
Size	3K
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html)

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Contact Dia.	0.9
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	PH - Free receptacle, 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	81.71 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

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.10 - 10.50 mm

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BRF.3K.200.NAS</a>
----------------	--------------------------------

## Tools

Die Tool	<a href="#">DPE.99.103.8K</a>
Spanner wrench	<a href="#">DCD.3E.ZZZ.PA150</a>

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phg-3k-8h4-cllc111.html)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.