



## Summary

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Thermocouple	6
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.90 - 13.50 mm
Size	4K
Series	K - Outdoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/phl-4k-306-cyfc13.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/phl-4k-306-cyfc13.html)

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## Electrical Configuration

Thermocouple	6
Contact Termination Thermocouple	Crimp
Insert configuration value	4K.306 - 3 Thermocouple Pairs
Insulator	Y: PEEK for crimp contacts
Rated current	24 Amps
Contact Type	Thermocouple
Contact Dia.	2
Wire Size/AWG	22 - 14
Gender	Reverse Gender

## 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	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Weight	150 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]	12.90 - 13.50 mm

## Drawings



## Dimensions

	<b>S2</b>	<b>L</b>	<b>A</b>
mm.	19	75.5	29
in.	0.75	2.97	1.14

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