

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	4
Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/phg-2b-704-cjld62.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-2b-704-cjld62.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	2B.704 - 1 High V. 4 Low V.
Insulator	J: PEEK/PEEK
Rated current	5 A
Rated current HV (A)	8
Rated current LV (A)	5
Test voltage HV Ue (kV dc)	7.5
Test voltage HV Ue (kV rms)	5.3
Test voltage LV cont-cont sold.(kV rms)	0.85
Test voltage LV cont-shell sold.(kV rms)	1.2
Contact Type	Solder
Contact Dia.	0.7
Number of contacts Low Voltage	4
Number of contacts High Voltage	1
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	38.21 g

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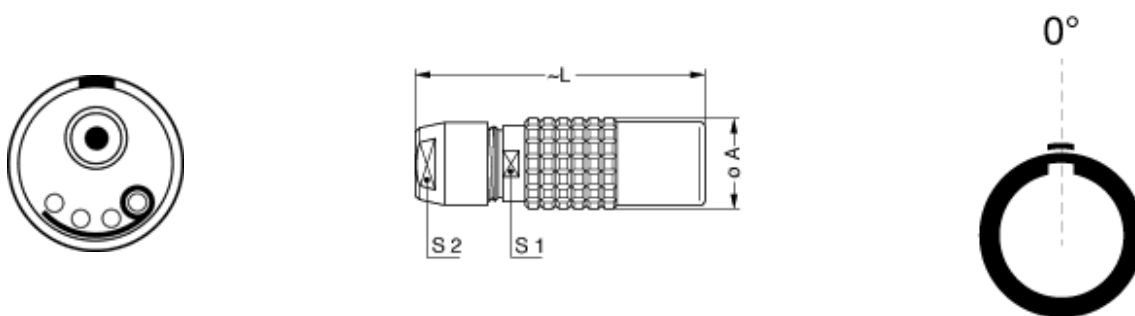
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

## Drawings



## Dimensions

	S2	S1	L	A
mm.	12	13	47	16.5
in.	0.47	0.51	1.85	0.65

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BRF.2S.200.NAS</a>
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## Tools

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Spanner	<a href="#">DCP.91.023.TN</a>
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Spanner wrench	<a href="#">DCD.2B.ZZZ.PA120</a>
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