

*Image for illustrative purpose only*

## Summary

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Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	11.60 - 13.50 mm
Size	5B
Suggested matching part	<a href="#">FGB.5B.294.CLCD135</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/phb-5b-294-clmd135.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phb-5b-294-clmd135.html)

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# Technical details

## Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
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Gender	Standard
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## Form & Material

Shell style / Model id	PH - Free receptacle, cable collet
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Socket / Receptacle	Free
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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
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Locking system	Push-pull
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Keying	B: 2 keys (alpha=45, plug: male contacts, receptacle: female contacts)
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Colour	Grey
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Weight	373.25 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
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Environmental sealing (IP rating)	IP50
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Endurance	5000 mating cycles
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Temperature range	-55°C / +250°C
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Climatical Category	50/175/21
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Humidity (max)	<=95% [at 60 deg C /140 F]
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Shielding (min)	75 dB (10 MHz)
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Shielding (min)	40 dB (1 GHz)
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Shock Resistance	100 g [ 6 ms]
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Vibration	15 g [10 Hz - 2000 Hz]
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Salt Spray Corrosion	>1000 hr
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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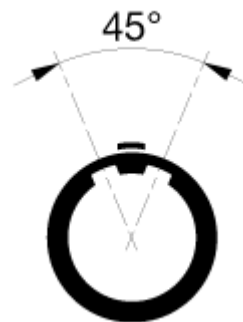
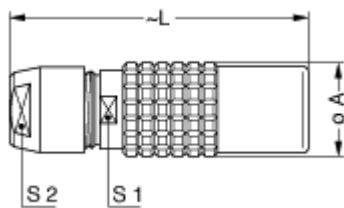
Fixation type	Cable collet
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Jacket cable outside diameter [mm]	11.60 - 13.50 mm
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# Drawings



## Dimensions

	<b>L</b>	<b>A</b>	<b>S1</b>	<b>S2</b>
mm.	99	36	31	30
in.	3.9	1.42	1.22	1.18

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