

Standard

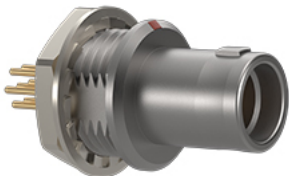


Image for illustrative purpose only

# Summary

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Number of contacts Low Voltage	4
Gender	Reverse Gender
Plug	Plug - Fixed
Locking system	Snap-on
Size	0B
Suggested matching part	<a href="#">PHJ.0B.304.CLAD42Z</a>
Series	B - Indoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	0B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1.2 kV (DC)
Vtest (contact-shell)	1 kV (DC)
Contact Dia.	0.7 mm (0.028in)
Number of differentiated pairs (High speed)	1
Gender	Reverse Gender

## Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	5.31 g

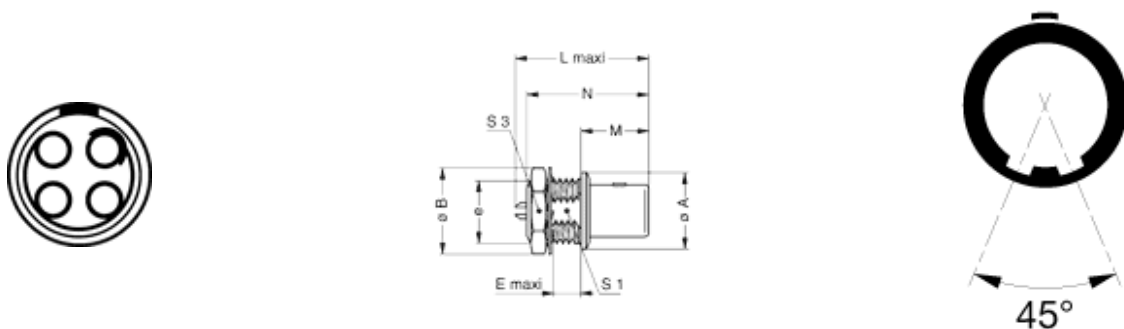
[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/faj-0b-304-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/faj-0b-304-cln.html)

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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 (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>
mm.	10	12.5	M9x0.6	4.2	20.8	11.5	18.9	8.2	11
in.	0.39	0.49		0.17	0.82	0.45	0.74	0.32	0.43

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/faj-0b-304-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/faj-0b-304-cln.html)

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Documents

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