



## Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1B
Matching parts	<a href="#">FGB.1B.304.CYCD52</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eeb-1b-304-cym.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeb-1b-304-cym.html)

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## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	1B.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 Amps
Vtest (contact-contact)	1700 V (AC), 2400 V (DC)
Vtest (contact-shell)	1800 V (AC), 2550 V (DC)
Contact retention	30 N
Contact Type	Crimp
Max. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Min. Conductor	0.25 mm <sup>2</sup> (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	4
Differentiated pairs (High speed)	1
Wire Size/AWG	24 - 20
Gender	Standard

## Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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	2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Weight	11.47 g

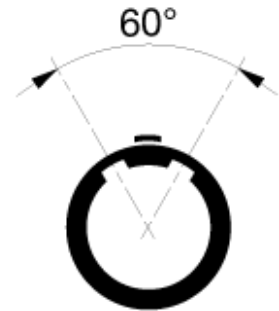
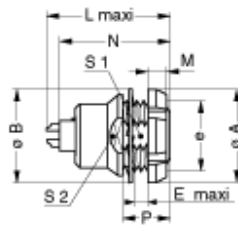
## Cable fixation

Jacket cable outside diameter [mm]	1.00 - 10.60 mm
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[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eeb-1b-304-cym.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeb-1b-304-cym.html)

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# Drawings



## Dimensions

	<b>A</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>P</b>	<b>S1</b>	<b>S2</b>	<b>B</b>
mm.	16	M12x1.0	6.5	23	3.5	21.1	11	10.5	13	16
in.	0.63		0.26	0.91	0.14	0.83	0.43	0.41	0.51	0.63

## Recommended By Lemo

### Accessories

Replacement contact [EGG.1B.660.ZZM](#)

### Tools

Positionner [DCE.91.091.BVM](#)

Extraction tool [DCC.09.05B.LAG](#)











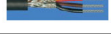

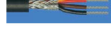


Crimp tool [DPC.91.701.V](#)

Spanner wrench [Socket for torque wrench DCM.65.130.AZ and DCM.1S.M12.4](#)

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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