



## Summary

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Number of contacts	20
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.10 - 13.50 mm
Size	4B
Matching parts	<a href="#">EGG.4B.320.CLL</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fng-4b-320-cycd13z.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fng-4b-320-cycd13z.html)

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## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	4B.320 - 20 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	8 Amps
Vtest (contact-contact)	1050 V (AC), 1490 V (DC)
Vtest (contact-shell)	950 V (AC), 1340 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	20
Wire Size/AWG	24 - 20
Gender	Standard

## Form & Material

Shell style / Model id	FN - Straight plug, cable collet and lanyard release
Plug	Straight
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Nut for fitting a bend relief
Weight	119.06 g

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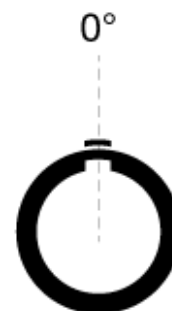
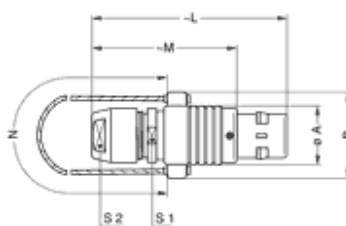
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.10 - 13.50 mm

## Drawings



## Dimensions

	<b>N</b>	<b>S1</b>	<b>S2</b>	<b>M</b>	<b>L</b>	<b>B</b>	<b>A</b>
mm.	230	21	20	57	75	35.2	25
in.	9.06	0.83	0.79	2.24	2.95	1.39	0.98

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