

## Summary

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Number of contacts Low Voltage	18
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2B
Matching parts	<a href="#">EGG.2B.318.CLL</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgg-2b-318-cycd92.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-2b-318-cycd92.html)

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## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	2B.318 - 18 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	5.5 Amps
Vtest (contact-contact)	1450 V (AC), 2050 V (DC)
Vtest (contact-shell)	2100 V (AC), 2970 V (DC)
Contact retention	22 N
Contact Type	Crimp
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	18
Wire Size/AWG	26 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
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)
Weight	29.87 g

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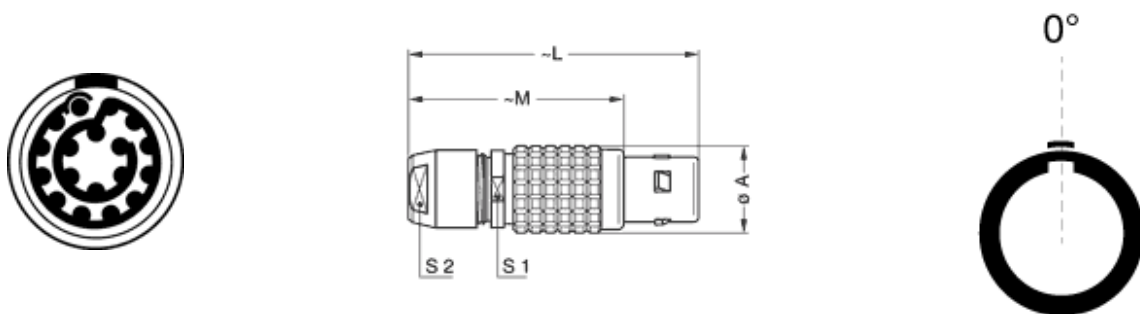
## Environment

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]	8.30 - 9.20 mm

## Drawings



## Dimensions

	A	L	M	S1	S2
mm.	15	50	38	13	12
in.	0.59	1.97	1.5	0.51	0.47

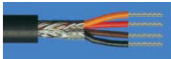
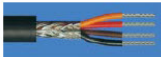
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# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">FGG.2B.555.ZZC</a>
Compatible cap	<a href="#">BFG.2B.100.PCSG</a>
Tools	
Spanner	<a href="#">DCP.91.023.TN</a>
Positionner	<a href="#">DCE.91.072.BVC</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>
Spanner wrench	<a href="#">DCD.2B.ZZZ.PA120</a>

## Cables

Cable PartNumber	Material	Colour	Cable image
218220	PVC	Black	
218240	PVC	Black	
236080	PVC	Grey	
318250	PVC	Grey	