

Special



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Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	14
Wire Size/AWG	30 - 22
Gender	Reverse Gender
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 9.20 mm
Size	2B
Series	B - Indoor keyed

https://www.lemo.com/int_en/catalog/product/view/id/610198/s/fgj-2b-314-cyzz/category/23/

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Insert configuration value	2B.314 - 14 Low Voltage
Insulator	LCP for crimp contacts
Rated current	6.5 A
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug, cable collet (delivered without contacts and cable collet)
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=37.5, plug: female contacts, receptacle: male contacts)
Colour	Gray
Variant	Special part (contact LEMO for details)
Weight	24.41 g

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

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Cable fixation

Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.20 - 9.20 mm