



## Summary

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Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Series	B - Indoor keyed

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 Amps
Contact Type	Solder
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.05 mm <sup>2</sup> (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fgb-00-305-clad35.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgb-00-305-clad35.html)

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## 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	2 keys (alpha=60, plug: male contacts, receptacle: female contacts)

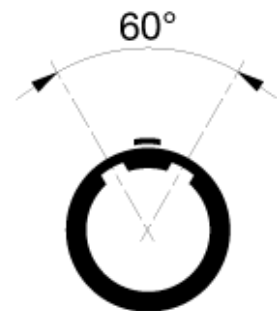
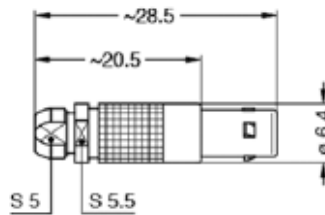
## Environment

Environmental sealing (IP rating)	IP50
Temperature range	-55°C / +250°C
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]	2.80 - 3.50 mm

## Drawings



## Dimensions

	A	S2	L	M	S1
mm.	6.4	5	28.5	20.5	5.5
in.	0.25	0.2	1.12	0.81	0.22

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