



## Summary

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Number of contacts Low Voltage	7
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.70 - 7.50 mm
Size	3P
Matching parts	<a href="#">EGG.3P.306.NLW</a>
Alternative part	<a href="#">FGG.3P.306.NLWD75G</a>
Series	REDEL P - Push-Pull

## Technical details

### Electrical Configuration

Insert configuration value	3P.306 - 6 Low Voltage + 1 Ground contact
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 Amps
Contact Type	Special
Contact Dia.	0.9
Number of contacts Low Voltage	7
Wire Size/AWG	30 - 22

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-306-nlwd75.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-nlwd75.html)

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## Form & Material

Shell style / Model id	FG - Straight plug with key and cable seal
Plug	Straight
Housing material	PSU (Polysulfone), black
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Weight	16.56 g

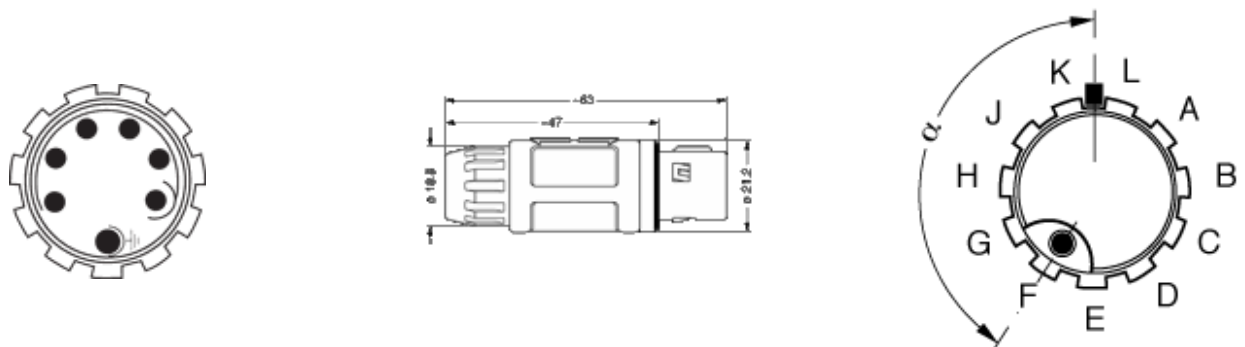
## Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP61
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	200 N
F ret (min)	100 N
Steam sterilization	20 times (with potting on rear connection)

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.70 - 7.50 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-306-nlwd75.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-nlwd75.html)

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## Dimensions

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	<b>A</b>	<b>L</b>
mm.	21.2	63
in.	0.83	2.48

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