



Summary

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Number of contacts Low Voltage	10
Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.70 - 7.50 mm
Size	3P
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Insert configuration value	3P.709 - 1 High Voltage + 9 Low Voltage + 1 Ground contact
Insulator	J: PEEK/PEEK
Rated current	4 Amps
Contact Dia.	0.9
Number of contacts Low Voltage	10
Number of contacts High Voltage	1
Wire Size/AWG	30 - 22

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-709-pjwd75g.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), gray
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Weight	20.62 g

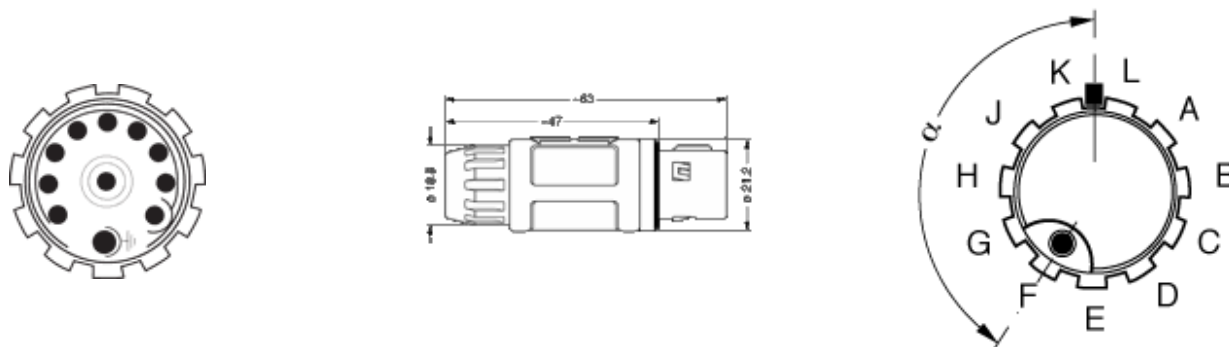
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP61
Minimal temperature	-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



Dimensions

	A	L
mm.	21.2	63
in.	0.83	2.48

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