



Image for illustrative purpose only

Summary

[Request a quote](#)

[P series catalog](#)

Number of contacts Low Voltage	11
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.70 - 7.50 mm
Size	3P
Suggested matching part	EGG.3P.310.PLWR
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plyd75r.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	11
Contact Termination Low voltage	Crimp
Insert configuration value	3P.310 - 10 Low Voltage + 1 Ground contact
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	2.2 kV DC
Air clearance	1.25 mm
Creepage distance	1.25 mm
Contact Dia.	0.9
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	FG - Straight plug with key and cable seal
Plug	Straight
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Colour	Grey - Red
Variant	Red front ring
Weight	21.51 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP61
Endurance	>3000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	200 N
F ret (min)	100 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

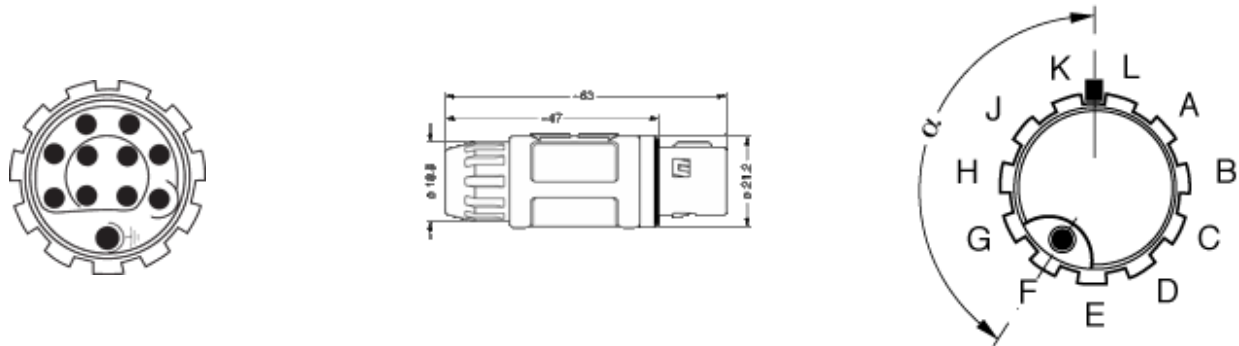
https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plyd75r.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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