



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Coax	1
Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Plug	Plug - Straight
Locking system	Push-pull
Size	3P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-809-plwd72n.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

Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax	Crimp
R (max)	5.8 mOhm
Insert configuration value	3P.809 - 1 Coax (50 Ohm) + 9 Low Voltage + 1 Ground contact
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
OHM	50
Contact Type	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.	0.7 mm (0.03in)
Number of contacts Low Voltage	10
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), gray
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Weight	20.12 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	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

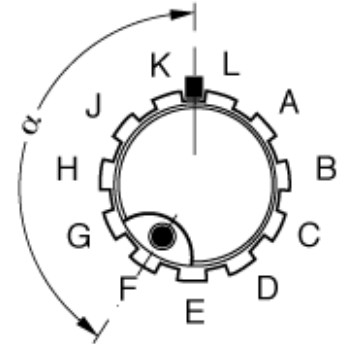
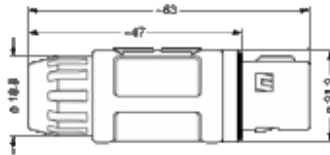
https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-809-plwd72n.html

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

Drawings



Dimensions

	A	L
mm.	21.2	63
in.	0.83	2.48

Recommended By Lemo

Accessories

Replacement contact

[EGG.3P.661.ZZY](#)

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-809-plwd72n.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.