



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	19
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.60 - 8.50 mm
Size	3P
Suggested matching part	<a href="#">EGG.3P.318.PLWJ</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.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
Insert configuration value	3P.318 - 18 Low Voltage + 1 Ground contact
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Contact Type	Special
Number of contacts Low Voltage	19

## 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	18.73 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.

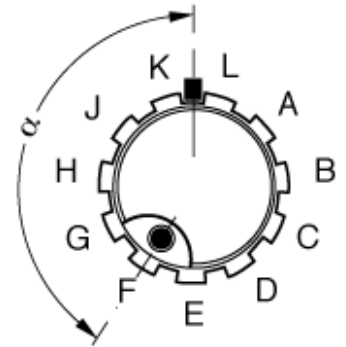
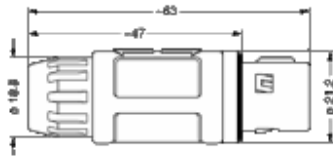
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.60 - 8.50 mm

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.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.

# Drawings



## Dimensions

	A	L
mm.	21.2	63
in.	0.83	2.48

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-318-plwd85j.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.