



*Image for illustrative purpose only*

## Summary

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|                                    |                                 |
|------------------------------------|---------------------------------|
| Number of contacts Low Voltage     | 11                              |
| Wire Size/AWG                      | 30 - 22                         |
| Plug                               | Plug - Straight                 |
| Locking system                     | Push-pull                       |
| Jacket cable outside diameter [mm] | 8.60 - 9.50 mm                  |
| Size                               | 3P                              |
| Suggested matching part            | <a href="#">EGG.3P.310.PLNG</a> |
| Series                             | REDEL P - Push-Pull             |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd95g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd95g.html)

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# Technical details

## Electrical Configuration

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Number of contacts Low Voltage  | 11                                         |
| Contact Termination Low voltage | Solder                                     |
| Insert configuration value      | 3P.310 - 10 Low Voltage + 1 Ground contact |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)                  |
| Rated current                   | 5 A                                        |
| Test voltage contact-contact    | 4.67 (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                                                                                       |
| Variant                | Grey front ring                                                                            |
| Weight                 | 17.89 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. |

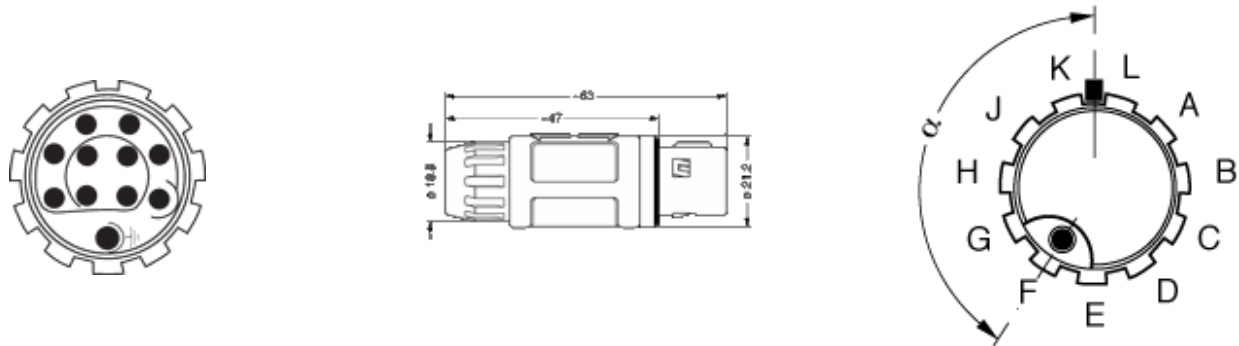
[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd95g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd95g.html)

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Cable fixation

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 8.60 - 9.50 mm                               |

Drawings



Dimensions

|     | A    | L    |
|-----|------|------|
| mm. | 21.2 | 63   |
| in. | 0.83 | 2.48 |

Recommended By Lemo

Accessories

|                     |                                |
|---------------------|--------------------------------|
| Replacement contact | <a href="#">EGG.3P.661.ZZY</a> |
|---------------------|--------------------------------|