



*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] | 6.70 - 7.50 mm                  |
| Size                               | 3P                              |
| Suggested matching part            | <a href="#">EGG.3P.310.PLYA</a> |
| Series                             | REDEL P - Push-Pull             |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd75a.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-310-plwd75a.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 |
| 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 - Blue  |
| Variant                | Blue front ring  |
| Weight                 | 20.47 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. |

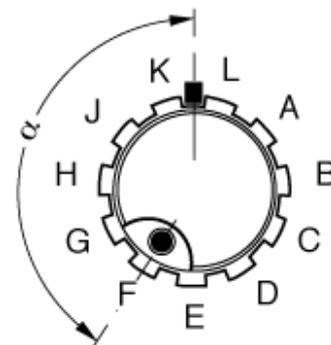
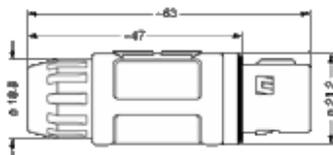
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## Cable fixation

|                                    |  |
|------------------------------------|--|
| 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 |

## Recommended By Lemo

### Accessories

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

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