



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |                                 |
|------------------------------------|---------------------------------|
| Number of contacts Low Voltage     | 7                               |
| 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.306.PLYR</a> |
| Series                             | REDEL P - Push-Pull             |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-306-plyd75r.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-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

|                                 |   |
|---------------------------------|---|
| Contact Termination Low voltage | Crimp                                     |
| Insert configuration value      | 3P.306 - 6 Low Voltage + 1 Ground contact |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)                 |
| Rated current                   | 6 A                                       |
| Contact Type                    | Special                                   |
| Contact Dia.                    | 0.9                                       |
| Number of contacts Low Voltage  | 7   |
| 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                 | 21.14 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. |

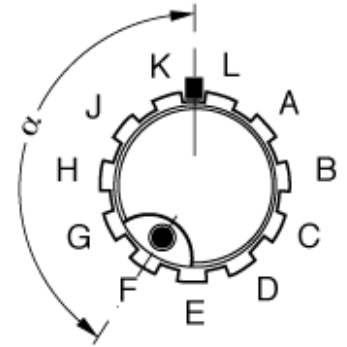
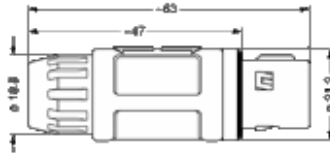
[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-306-plyd75r.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-plyd75r.html)

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

|     | <b>A</b> | <b>L</b> |
|-----|----------|----------|
| mm. | 21.2     | 63       |
| in. | 0.83     | 2.48     |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/fgg-3p-306-plyd75r.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-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.