



## Summary

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|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| Number of contacts                 | 19                                              |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.00 - 20.00 mm                                 |
| Size                               | 3P                                              |
| Matching parts                     | <a href="#">FGG.3P.318.PLWD75R</a>              |
| Series                             | REDEL P - Push-Pull                             |

## Technical details

### Electrical Configuration

|                            |                                            |
|----------------------------|--------------------------------------------|
| Insert configuration value | 3P.318 - 18 Low Voltage + 1 Ground contact |
| Insulator                  | L: PEEK (UL 94 / V-0/1.5)                  |
| Rated current              | 3 Amps                                     |
| Contact Type               | Special                                    |
| Number of contacts         | 19                                         |

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

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## Form & Material

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| Shell style / Model id | EG - Fixed receptacle, nut fixing with key                                                 |
| Socket / Receptacle    | Fixed Panel Front Mounted                                                                  |
| Housing material       | PSU (Polysulfone), gray                                                                    |
| Locking system         | Push-pull                                                                                  |
| Keying                 | User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts |
| Weight                 | 15.33 g                                                                                    |

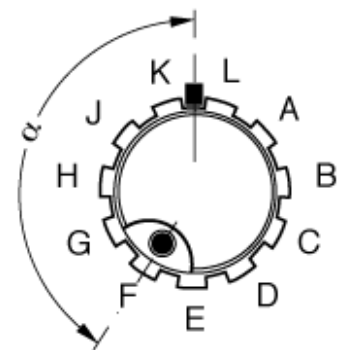
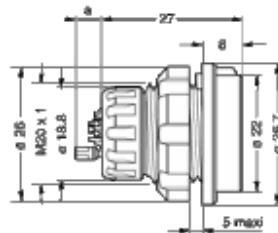
## Environment

|                                      |                                                                                         |
|--------------------------------------|-----------------------------------------------------------------------------------------|
| Technical domain                     | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental protection (IP rating) | IP61                                                                                    |
| Minimal temperature                  | -50°C / +150°C                                                                          |
| F ret (max)                          | 200 N                                                                                   |
| F ret (min)                          | 100 N                                                                                   |
| Steam sterilization                  | 20 times                                                                                |

## Cable fixation

|                                    |                 |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 20.00 mm |
|------------------------------------|-----------------|

## Drawings



## Dimensions

|     | A    | N    | a    |
|-----|------|------|------|
| mm. | 26.7 | 27   | 4.7  |
| in. | 1.05 | 1.06 | 0.19 |

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