



*Image for illustrative purpose only*

## Summary

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[P series catalog](#)

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Number of contacts Low Voltage | 26                                              |
| Gender                         | Standard                                        |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                 | Push-pull                                       |
| Size                           | 2P                                              |
| Series                         | REDEL P - Push-Pull                             |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/clc-m26-nlnn.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clc-m26-nlnn.html)

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# Technical details

## Electrical Configuration

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Number of contacts Low Voltage            | 26                                      |
| Contact Termination Low voltage           | PCB - Straight                          |
| Insert configuration value                | 2P.M26 - 26 Low V.                      |
| Footprint IPC Class3 compatibility        | Yes                                     |
| Class3 Productibility Level Compatibility | C (High Design Producibility - Reduced) |
| Insulator                                 | L: PEEK for solder contacts             |
| Rated current                             | 2 A                                     |
| Test voltage contact-contact              | 1.27 (kV DC)                            |
| Air clearance                             | 0.55 mm                                 |
| Creepage distance                         | 0.55 mm                                 |
| Contact Dia.                              | 0.5                                     |
| Gender                                    | Standard                                |

## Form & Material

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| Shell style / Model id | CL - Fixed receptacle, nut fixing                                                |
| Socket / Receptacle    | Fixed Panel Front Mounted                                                        |
| Housing material       | PSU (Polysulfone), black                                                         |
| Locking system         | Push-pull                                                                        |
| Keying                 | C: 3 keys (alpha=0, gamma=100, Plug: male contacts, Receptacle: female contacts) |
| Colour                 | Black                                                                            |
| Weight                 | 4.69 g                                                                           |

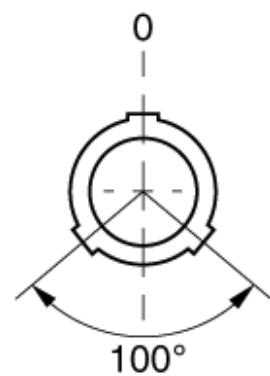
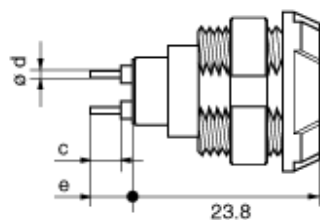
## Environment

|                                   |                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV                                                                                                                                        |
| Environmental sealing (IP rating) | IP50                                                                                                                                                                                                                           |
| Endurance                         | >5000 mating cycles                                                                                                                                                                                                            |
| Temperature range                 | -50°C / +150°C                                                                                                                                                                                                                 |
| F ret (max)                       | 250 N                                                                                                                                                                                                                          |
| F ret (min)                       | 150 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. |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/clc-m26-nl1nn.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clc-m26-nl1nn.html)

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# Drawings



## Dimensions

|     | c       | d       | e       | N    |
|-----|---------|---------|---------|------|
| mm. | 3.0-5.7 | 0.5-0.7 | 3.0-6.0 | 23.8 |
| in. |         |         |         | 0.94 |

# CAD

## Documents

|            |                          |
|------------|--------------------------|
| PCB        | <a href="#">Download</a> |
| PCB Eagle  | <a href="#">Download</a> |
| Kicad      | <a href="#">Download</a> |
| PCB Altium | <a href="#">Download</a> |