

Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |                               |
|------------------------------------|-------------------------------|
| Number of contacts Low Voltage     | 7                             |
| Wire Size/AWG                      | 32 - 24                       |
| Gender                             | Standard                      |
| Plug                               | Plug - Straight               |
| Locking system                     | Push-pull                     |
| Jacket cable outside diameter [mm] | 2.70 - 3.90 mm                |
| Size                               | 1P                            |
| Suggested matching part            | <a href="#">PNC.M0.7SL.LJ</a> |
| Series                             | REDEL P - Push-Pull           |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.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       | Solder                        |
| R (max)                               | 6.5 mOhm                      |
| Insert configuration value            | 1P.M07 - 7 Low Voltage        |
| Insulator                             | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                         | 5 A                           |
| Test voltage (kV rms) Contact-contact | 1.05                          |
| Contact Type                          | Solder                        |
| Max. Solid Conductor                  | 0.25 mm <sup>2</sup> (AWG 24) |
| Max. Stranded Conductor               | 0.14 mm <sup>2</sup> (AWG 26) |
| Air clearance                         | 0.85 mm                       |
| Creepage distance                     | 0.85 mm                       |
| Bucket Dia.                           | 0.6 mm (0.024in)              |
| Contact Dia.                          | 0.7 mm (0.0275in)             |
| Number of contacts Low Voltage        | 7                             |
| Wire Size/AWG                         | 32 - 24                       |
| Gender                                | Standard                      |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | PF - Straight plug with cable collet and nut for fitting a bend relief, watertight |
| Plug                   | Straight   |
| Housing material       | PEI (Polyetherimide), gray   |
| Locking system         | Push-pull  |
| Keying                 | C: 2 keys (alpha=80, Plug: male contacts, Receptacle: female contacts)             |
| Colour                 | Grey - Yellow  |
| Variant                | Yellow collet nut for bend relief  |
| Weight                 | 4.75 g   |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.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.



## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV   |
| Environmental sealing (IP rating) | IP64  |
| Endurance                         | > 5000 mating cycles  |
| Temperature range                 | -50°C / +170°C  |
| F ret (max)                       | 150 N   |
| F ret (min)                       | 50 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. |

## Cable fixation

|                                    |                       |
|------------------------------------|-----------------------|
| Cable termination protection       | For cable bend relief |
| Fixation type                      | Cable collet          |
| Jacket cable outside diameter [mm] | 2.70 - 3.90 mm        |

## Cables

| Cable PartNumber   | Material      | Colour | Cable image   |
|--------------------|---------------|--------|---|
| CMN.07.T26.037QGZE | TPR (medical) | Grey   |  |
| 7041               | PVC           | Grey   |  |
| 7050               | PVC           | Black  |  |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pfc-m0-7sl-ac39jz.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.