



Image for illustrative purpose only

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |   |
|------------------------------------|---|
| Number of contacts Low Voltage     | 8   |
| Wire Size/AWG                      | 32 - 24   |
| Gender                             | Standard  |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm                                 |
| Size                               | 1P  |
| Series                             | REDEL P - Push-Pull                             |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-lg.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-lg.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.M08 - 8 Low Voltage        |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                   | 5 A                           |
| Test voltage contact-contact    | 1.48 (kV DC)                  |
| 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                   | 0.6 mm                        |
| Creepage distance               | 0.6 mm                        |
| Bucket Dia.                     | 0.6 mm (0.024in)              |
| Contact Dia.                    | 0.7 mm (0.0275in)             |
| Number of contacts Low Voltage  | 8                             |
| Wire Size/AWG                   | 32 - 24                       |
| Gender                          | Standard                      |

## Form & Material

|                        |  |
|------------------------|--|
| Shell style / Model id | PL - Fixed receptacle, nut fixing                                      |
| Socket / Receptacle    | Fixed Panel Front Mounted  |
| Housing material       | PEI (Polyetherimide), gray   |
| Locking system         | Push-pull  |
| Keying                 | A: 2 keys (alpha=40, Plug: male contacts, Receptacle: female contacts) |
| Colour                 | Grey   |
| Variant                | Gray front nut   |
| Weight                 | 4.95 g   |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-ig.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-ig.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) | IP50  |
| 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       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm                              |

---

# Recommended By Lemo

## Accessories













---

Compatible cap [PBG.200.BMV](#)

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-ig.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-ig.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.

# Cables

| Cable PartNumber   | Material      | Colour | Cable image   |
|--------------------|---------------|--------|---|
| CMN.08.T26.042QGZE | TPR (medical) | Grey   |    |
| 108240             | PTFE          | White  |    |
| 108260             | PTFE          | White  |    |
| 16080              | PVC           | Grey   |    |
| 180260             | PVC           | Black  |    |
| 280250             | PVC           | Grey   |    |
| 335990             | PVC           | Black  |    |
| 335991             | PVC           | Black  |    |
| 42265              | PVC           | Yellow |  |
| 80140              | PVC           | Grey   |  |
| 8050               | PVC           | Black  |  |
| 8280               | PVC           | Black  |  |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-lg.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pla-m0-8sl-lg.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.