

Image for illustrative purpose only

Summary

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[P series catalog](#)

| | |
|--------------------------------|----------------------------------|
| Number of contacts Low Voltage | 4 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Elbow |
| Locking system | Push-pull |
| Size | 1P |
| Suggested matching part | PAG.M0.4GL.AC39G |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ppg-m0-4gg-n.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.5 mOhm |
| Insert configuration value | 1P.M04 - 4 Low Voltage |
| Insulator | G: PSU gray |
| Rated current | 8 A |
| Test voltage contact-contact | 1.7 (kV DC) |
| Air clearance | 1.2 mm |
| Creepage distance | 1.2 mm |
| Contact Dia. | 0.9 mm (0.0354in) |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PP - Elbow receptacle key (G) or keys (A,B,C) for printed circuit |
| Socket / Receptacle | Elbow |
| Housing material | PSU (Polysulfone), grey |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Weight | 5.87 g |

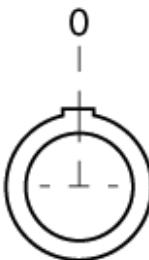
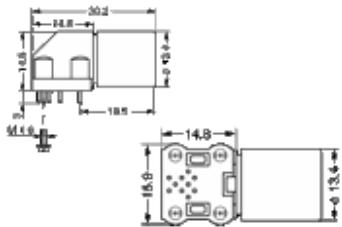
Environment

| | |
|-----------------------------------|--|
| 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) | 150 N |
| F ret (min) | 50 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/redele/redele-p-push-pull/ppg-m0-4gg-n.html

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Drawings



Dimensions

| | A | B | L | M | H |
|-----|------|------|------|------|------|
| mm. | 13.4 | 15.9 | 30.2 | 14.8 | 17.5 |
| in. | 0.53 | 0.63 | 1.19 | 0.58 | 0.69 |

Recommended By Lemo

Accessories

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

CAD

Documents

| | |
|------------|--------------------------|
| PCB | Download |
| PCB Eagle | Download |
| Kicad | Download |
| PCB Altium | Download |

https://www.lemo.com/int_en/solutions/rede1/rede1-p-push-pull/ppg-m0-4gg-n.html

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