



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|----------------------------------|
| Number of contacts Low Voltage | 5 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Elbow |
| Locking system | Push-pull |
| Size | 1P |
| Suggested matching part | PAG.M0.5GL.AC39G |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pxg-m0-5gg-ngs.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------|
| Number of contacts Low Voltage | 5 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.5 mOhm |
| Insert configuration value | 1P.M05 - 5 Low Voltage |
| Insulator | G: PSU gray |
| Rated current | 7 A |
| Test voltage contact-contact | 1.48 (kV DC) |
| Air clearance | 0.8 mm |
| Creepage distance | 0.8 mm |
| Contact Dia. | 0.9 mm (0.0354in) |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PX - Elbow receptacle key (G) or keys (A,B,C) with two nuts 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 |
| Variant | Grey front nut and screw fixing |
| Weight | 8.37 g |

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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 | 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. |

Recommended By Lemo

Accessories

| | |
|----------------|-----------------------------|
| Compatible cap | PBG.200.BMV |
|----------------|-----------------------------|

Tools

| | |
|---------|----------------------------|
| Spanner | POB.186.GN |
|---------|----------------------------|

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