



Summary

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| | |
|---------------------|--|
| Low Voltage | 10 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 1P |
| Matching parts | PAG.M1.0GL.AC39Z |
| Series | REDEL P - Push-Pull |

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m1-0gl-vz.html

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Electrical Configuration

| | |
|---------------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Elbow |
| R (max) | 8.5 mOhm |
| Insert configuration value | 1P.M10 - 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 3 Amps |
| Test voltage (kV rms) Contact-contact | 0.85 |
| Contact Type | Print (elbow) |
| Air clearance | 0.45 mm |
| Creepage distance | 0.45 mm |
| Contact Dia. | 0.5 mm (0.0201in) |
| Low Voltage | 10 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PK - Fixed receptacle with two nuts (back panel mounting), 90° print contacts |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| Housing material | PSU (Polysulfone), gray |
| Locking system | Push-pull |
| Keying | 1 key (alpha=0, Plug: male contact, Receptacle: female contact) |
| Variant | without front nut |
| Weight | 5.9 g |

Environment

| | |
|--------------------------------------|---|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental protection (IP rating) | IP50 |
| Minimal temperature | -50°C / +150°C |
| F ret (max) | 150 N |
| F ret (min) | 50 N |
| Steam sterilization | > 100 times (with potting on rear connection) |

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Cable fixation

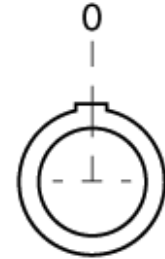
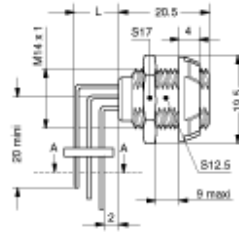
Cable termination protection

For cable bend relief

Fixation type

Cable collet

Drawings



Dimensions

| | A | L | N |
|-----|------|----------|------|
| mm. | 19.5 | 5.2-12.9 | 20.5 |
| in. | 0.77 | | 0.81 |

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