



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|--|
| Number of contacts Low Voltage | 10 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Size | 1P |
| Suggested matching part | PAA.M1.0SL.AC39GZ |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pka-m1-0sl-ng.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Straight |
| 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 A |
| Test voltage contact-contact | 1.2 (kV DC) |
| Contact Type | Print (straight) |
| Air clearance | 0.55 mm |
| Creepage distance | 0.55 mm |
| Contact Dia. | 0.5 mm (0.0201in) |
| Number of contacts Low Voltage | 10 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PK - Fixed receptacle with two nuts (back panel mounting), straight print contacts |
| Socket / Receptacle | Fixed Panel Rear 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 |

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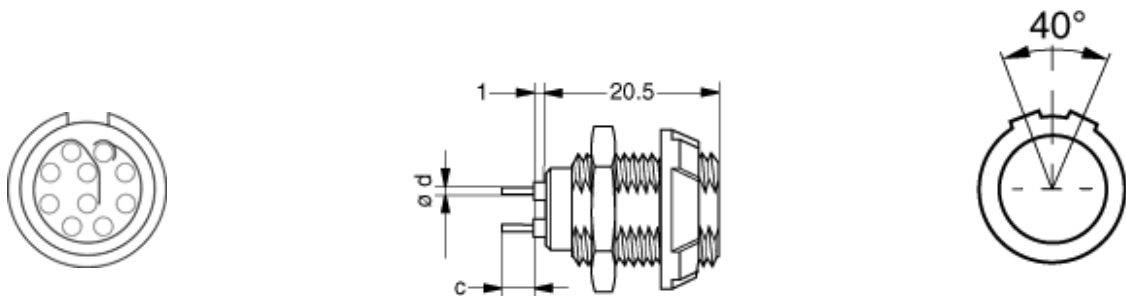
Environment

| | |
|-----------------------------------|---|
| 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 / +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 |

Drawings



Dimensions

| | c | d |
|-----|-----|---------|
| mm. | 3-5 | 0.5-0.7 |
| in. | | |

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Recommended By Lemo

Accessories

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

Tools

Spanner [POB.186.GN](#)

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