



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--|
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | 1P |
| Suggested matching part | PAG.M0.2TL.AC65N |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/pkg-m0-2sl-ln.html

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Technical details

Electrical Configuration

| | |
|---------------------------------------|------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 3.5 mOhm |
| Insert configuration value | 1P.M02 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 A |
| Test voltage (kV rms) Contact-contact | 1.2 |
| Contact Type | Solder |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Air clearance | 1.3 mm |
| Creepage distance | 1.3 mm |
| Bucket Dia. | 1.1 mm (0.04in) |
| Contact Dia. | 1.3 mm (0.0512in) |
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | PK - Fixed receptacle with two nuts (back panel mounting) |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| Housing material | PEI (Polyetherimide), gray |
| Locking system | Push-pull |
| Keying | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Colour | Grey - Black |
| Variant | Black front nut |

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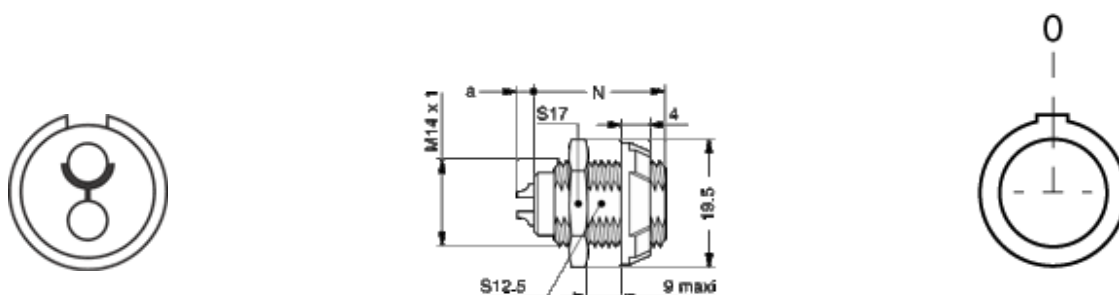
Environment

| | |
|-----------------------------------|---|
| 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 |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |

Drawings



Dimensions

| | A | a | N |
|-----|----------|----------|-----------|
| mm. | 19.5 | 0-4.5 | 20.5-22.2 |
| in. | 0.77 | | |

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Recommended By Lemo

Accessories

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

































Tools

Spanner [POB.186.GN](#)

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.02.T20.047PGZE | | grey |  |
| CMN.02.T20.047PNZE | | |  |
| CMN.02.T20.048QGZE | TPR (medical) | Grey |  |
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 102080 | PVC | Grey | |
| 120184 | PVC | Black |  |
| 120240 | PVC | Black |  |
| 120250 | PVC | Grey |  |
| 120500 | PVC | Grey |  |
| 120501 | PVC | Grey |  |
| 120751 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20141 | PVC | Grey |  |
| 20142 | PVC | Red |  |
| 20143 | PVC | Green |  |
| 20144 | PVC | Black |  |
| 20145 | PVC | Yellow |  |
| 20146 | PVC | Black |  |
| 20240 | PTFE | White |  |
| 20260 | PVC | Black |  |
| 20264 | PVC | Black |  |
| 20266 | PVC | Violet |  |
| 2050 | PVC | Black |  |
| 20550 | PUR | Black |  |
| 20560 | PUR | White |  |
| 2080 | PVC | Grey | |
| 220750 | PVC | Grey |  |
| 2221 | PVC | Black |  |
| 2260 | PTFE | White |  |
| 2280 | PVC | Black |  |
| 4082 | PVC | Grey | |
| CMB.02.210.635 | PUR | Black | |

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