



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 11 |
| Wire Size/AWG | 30 - 22 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 20.00 mm |
| Size | 3P |
| Suggested matching part | FGG.3P.310.PLWD85G |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/egg-3p-310-plwn.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|--|
| Contact Termination Low voltage | Solder |
| Insert configuration value | 3P.310 - 10 Low Voltage + 1 Ground contact |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 5 A |
| Test voltage contact-contact | 4.67 (kV DC) |
| Contact Type | Special |
| Air clearance | 1.25 mm |
| Creepage distance | 1.25 mm |
| Contact Dia. | 0.9 |
| Number of contacts Low Voltage | 11 |
| Wire Size/AWG | 30 - 22 |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EG - Fixed receptacle, nut fixing with key |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | PSU (Polysulfone), gray |
| Locking system | Push-pull |
| Keying | User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts |
| Weight | 14.38 g |

Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP61 |
| Endurance | >3000 mating cycles |
| Temperature range | -50°C / +150°C |
| F ret (max) | 200 N |
| F ret (min) | 100 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. |

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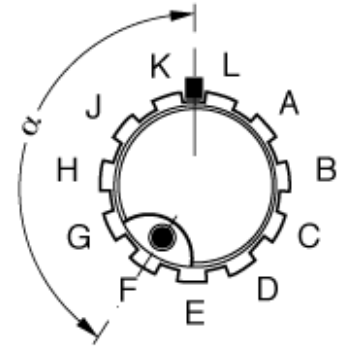
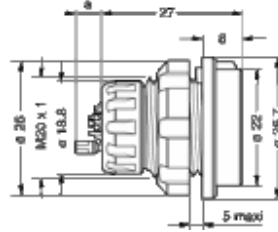
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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 20.00 mm

Drawings



Dimensions

| | A | N | a |
|-----|----------|----------|----------|
| mm. | 26.7 | 27 | 4.7 |
| in. | 1.05 | 1.06 | 0.19 |

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