



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 7 |
| Wire Size/AWG | 30 - 22 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 6.70 - 7.50 mm |
| Size | 3P |
| Suggested matching part | EGG.3P.306.NLWN PHG.3P.306.NLWD75N |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/fgg-3p-306-nlwd75n.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---|
| Number of contacts Low Voltage | 7 |
| Contact Termination Low voltage | Solder |
| Insert configuration value | 3P.306 - 6 Low Voltage + 1 Ground contact |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 6 A |
| Test voltage contact-contact | 5.51 (kV DC) |
| Air clearance | 1.95 mm |
| Creepage distance | 1.95 mm |
| Contact Dia. | 0.9 |
| Wire Size/AWG | 30 - 22 |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | FG - Straight plug with key and cable seal |
| Plug | Straight |
| Housing material | PSU (Polysulfone), black |
| Locking system | Push-pull |
| Keying | User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts |
| Colour | Black |
| Variant | Black front ring |
| Weight | 19.06 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. |

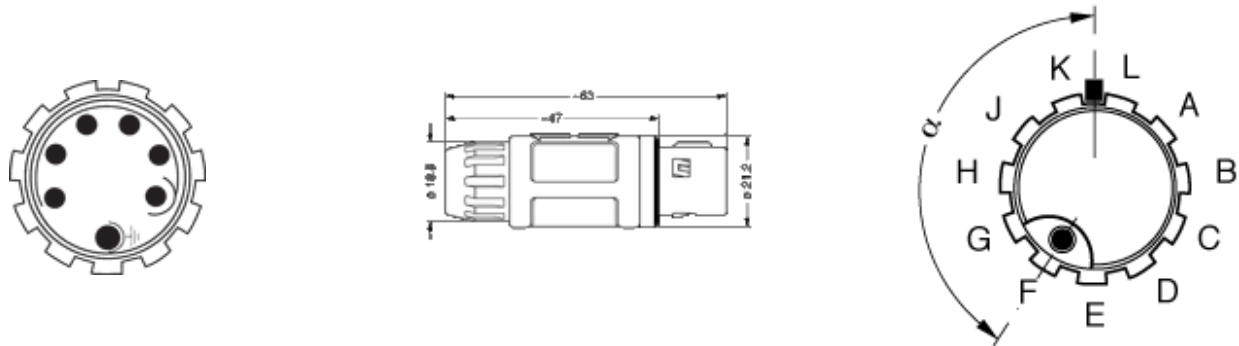
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 6.70 - 7.50 mm |

Drawings



Dimensions

| | A | L |
|-----|------|------|
| mm. | 21.2 | 63 |
| in. | 0.83 | 2.48 |

Recommended By Lemo

Accessories

| | |
|---------------------|--------------------------------|
| Replacement contact | EGG.3P.661.ZZY |
|---------------------|--------------------------------|