



Summary

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| | |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage | 18 |
| Wire Size/AWG | 36 - 28 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |
| Size | SP |
| Matching parts | SKN.M18.GLLG |
| Series | REDEL SP - Inner Push-Pull |

Technical details

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m18-gla-6gz.html

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Electrical Configuration

| | |
|---------------------------------------|-------------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 8.5 mOhm |
| Insert configuration value | SP.M18 - 18 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 2.5 Amps |
| Test voltage (kV rms) Contact-contact | 0.75 |
| Contact Type | Solder |
| Max. Solid Conductor | 0.12 mm ² (AWG 28) |
| Max. Stranded Conductor | 0.12 mm ² (AWG 28) |
| Air clearance | 0.47 mm |
| Creepage distance | 0.47 mm |
| Bucket Dia. | 0.45 mm (0.0177in) |
| Contact Dia. | 0.5 mm (0.0196in) |
| Number of contacts Low Voltage | 18 |
| Wire Size/AWG | 36 - 28 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | SA/Z - Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief |
| Plug | Straight |
| Housing material | Proprietary sulfone, gray |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts) |
| Variant | Gray collet nut for bend relief |
| Weight | 7.8 g |

Environment

| | |
|--------------------------------------|----------------|
| Technical domain | Medical |
| Environmental protection (IP rating) | IP50 |
| Minimal temperature | -50°C / +170°C |

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Cable fixation

| | |
|------------------------------|-----------------------|
| Cable termination protection | For cable bend relief |
|------------------------------|-----------------------|

| | |
|---------------|--------------|
| Fixation type | Cable collet |
|---------------|--------------|

| | |
|------------------------------------|----------------|
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |
|------------------------------------|----------------|

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