



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |
| Size | SP |
| Suggested matching part | SRN.M04.GLL.6G |
| Series | REDEL SP - Inner Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/san-m04-gla-6g.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | Solder |
| R (max) | 2.8 mOhm |
| Insert configuration value | SP.M04 - 4 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 11.5 A |
| Test voltage contact-contact | 2.26 (kV DC) |
| Max. Solid Conductor | 0.50 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.50 mm ² (AWG 20) |
| Air clearance | 0.95 mm |
| Creepage distance | 0.95 mm |
| Bucket Dia. | 1.1 mm (0.04in) |
| Contact Dia. | 1.3 mm (0.0512in) |
| Wire Size/AWG | 28 - 20 |
| Gender | Standard |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | SA - Straight plug, key (N) or keys (P, S and T), with grey cable collet |
| Plug | Straight |
| Housing material | Proprietary sulfone, grey |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts) |
| Colour | Grey |
| Variant | Grey collet nut |
| Weight | 5.44 g |

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Environment

| | |
|-----------------------------------|---------------------|
| Technical domain | Medical |
| Environmental sealing (IP rating) | IP50 |
| Endurance | >5000 mating cycles |
| Temperature range | -50°C / +170°C |
| Steam sterilization | > 100 times |

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 5.30 - 6.50 mm |

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.04.T20.053PGZE | | grey |  |
| CMN.04.T20.053PNZE | | |  |
| CMN.04.T20.053QGZE | TPR (medical) | Grey |  |
| 240500 | PVC | Grey |  |
| 417920 | PVC | Grey |  |
| 4220 | PVC | Black |  |
| CTR.75.030.121870G | PVC | Grey |  |

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