



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|--|
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 28 - 20 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | SP |
| Suggested matching part | SAP.M04.GLA.6G |
| Series | REDEL SP - Inner Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skp-m04-gllg.html

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Technical details

Electrical Configuration

| | |
|---------------------------------------|-------------------------------|
| 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 (kV rms) Contact-contact | 1.60 |
| Contact Type | Solder |
| Max. Solid Conductor | 0.50 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.50 mm ² (AWG 20) |
| Air clearance | 0.96 mm |
| Creepage distance | 0.96 mm |
| Bucket Dia. | 1.1 mm (0.04in) |
| Contact Dia. | 1.3 mm (0.0512in) |
| Number of contacts Low Voltage | 4 |
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Form & Material

| | |
|------------------------|---|
| Shell style / Model id | SK_SP - Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), grey front nut |
| Socket / Receptacle | Fixed Panel Rear Mounted |
| Housing material | Proprietary sulfone, gray |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=0, gamma=60, plug: male contacts, receptacle: female contacts) |
| Variant | Gray front nut |
| Weight | 4.19 g |

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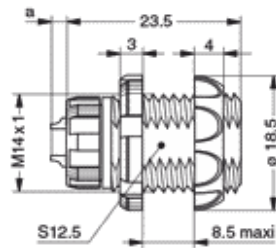
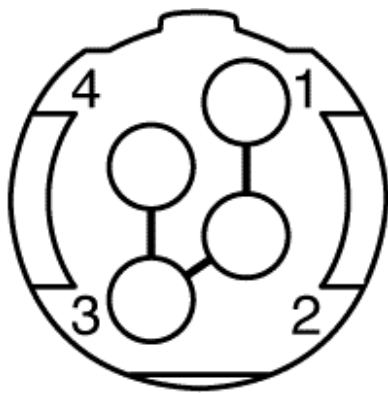
Environment

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

Drawings





Dimensions

| | a | B | N | e | E_{max} |
|-----|----------|----------|----------|----------|------------------------|
| mm. | 2.2 | 18.5 | 23.5 | M14x1 | 8.5 |
| in. | 0.09 | 0.73 | 0.93 | | 0.33 |

https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skp-m04-g11g.html

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|--|
| CMN.04.T20.053PGZE | | grey |  |
| CMN.04.T20.053PNZE | | |  |
| CMN.04.T20.053QGZE | TPR (medical) | Grey |  |
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey |  |
| CMN.04.T28.031PGCE | PVC | GREY |  |
| CMN.04.T28.031PGZE | | grey |  |
| CMN.04.T28.031PNCE | PVC | Black |  |
| CMN.04.T28.031PNZE | | |  |
| CMN.04.T28.031QGC | TPR | Grey | |
| 140240 | PVC | Black |  |
| 140250 | PVC | Grey |  |
| 240500 | PVC | Grey |  |
| 240750 | PVC | Grey |  |
| 40080 | PVC | Black | |
| 40086 | PVC | Blue | |
| 40140 | PVC | Black |  |
| 40240 | PTFE | White |  |
| 40260 | PVC | Black |  |
| 4041 | PVC | Grey |  |
| 4050 | PVC | Black |  |
| 4080 | PVC | Grey | |
| 417920 | PVC | Grey |  |
| 4220 | PVC | Black |  |
| 4221 | PVC | Black |  |
| 4260 | PTFE | White |  |
| 4280 | PVC | Black |  |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |
| CTR.75.030.121870G | PVC | Grey |  |

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