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## Summary

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|                                    |  |
|------------------------------------|--|
| Number of contacts Low Voltage     | 6  |
| Wire Size/AWG                      | 30 - 22  |
| Gender                             | Standard                                       |
| 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            | <a href="#">SAN.M06.GLA.6G</a>                 |
| Series                             | REDEL SP - Inner Push-Pull                     |

[https://www.lemo.com/int\\_en/solutions/redel/redel-sp-inner-push-pull/skn-m06-gllg.html](https://www.lemo.com/int_en/solutions/redel/redel-sp-inner-push-pull/skn-m06-gllg.html)

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# Technical details

## Electrical Configuration

|                                 |                               |
|---------------------------------|-------------------------------|
| Number of contacts Low Voltage  | 6                             |
| Contact Termination Low voltage | Solder                        |
| R (max)                         | 4.5 mOhm                      |
| Insert configuration value      | SP.M06 - 6 Low V.             |
| Insulator                       | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                   | 8.5 A                         |
| Test voltage contact-contact    | 2.2 (kV DC)                   |
| Max. Solid Conductor            | 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Stranded Conductor         | 0.34 mm <sup>2</sup> (AWG 22) |
| Air clearance                   | 1.2 mm                        |
| Creepage distance               | 1.2 mm                        |
| Bucket Dia.                     | 0.8 mm (0.032in)              |
| Contact Dia.                    | 0.9 mm (0.0354in)             |
| Wire Size/AWG                   | 30 - 22                       |
| Gender                          | Standard                      |

## 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, grey   |
| Locking system         | Push-pull   |
| Keying                 | 3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)                            |
| Colour                 | Grey  |
| Variant                | Grey front nut  |
| Weight                 | 4 g   |

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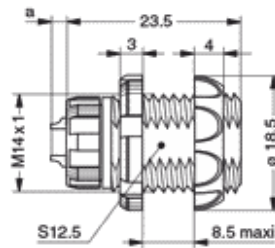
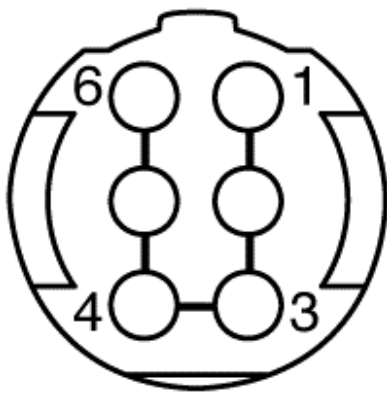
## Environment

|                                   |                     |
|-----------------------------------|---------------------|
| 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

|     | <b>a</b> | <b>B</b> | <b>N</b> | <b>e</b> | <b>E<sub>max</sub></b> |
|-----|----------|----------|----------|----------|------------------------|
| mm. | 2.2      | 18.5     | 23.5     | M14x1    | 8.5                    |
| in. | 0.09     | 0.73     | 0.93     |          | 0.33                   |

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# Cables

| Cable PartNumber   | Material      | Colour | Cable image   |
|--------------------|---------------|--------|---|
| CMN.06.T26.037QGZE | TPR (medical) | Grey   |    |
| CMN.06.T28.031PGCE | PVC           | GREY   |    |
| CMN.06.T28.031PGZE |               | grey   |    |
| CMN.06.T28.031PNCE | PVC           | Black  |    |
| CMN.06.T28.031PNZE |               |        |    |
| CMN.06.T28.042QBCE | TPR (medical) |        |   |
| CMN.06.T28.044PGZE |               | grey   |    |
| CMN.06.T28.044PNZE |               |        |    |
| 106220             | PVC           | Black  |  |
| 106240             | PTFE          | White  |  |
| 12080              | PVC           | Grey   |   |
| 160140             | PVC           | Grey   |  |
| 160240             | PVC           | Black  |  |
| 160260             | PVC           | Black  |  |
| 260250             | PVC           | Grey   |  |
| 60260              | PTFE          | White  |  |
| 6280               | PVC           | Black  |  |

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