



## Summary

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|                                    |                              |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage     | 16                           |
| Wire Size/AWG                      | 30 - 22                      |
| Gender                             | Standard                     |
| Plug                               | Plug - Straight              |
| Locking system                     | Push-pull                    |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm               |
| Size                               | 2P                           |
| Suggested matching part            | <a href="#">CKB.M16.GLLG</a> |
| Series                             | REDEL P - Push-Pull          |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cab-m16-gla-c52g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m16-gla-c52g.html)

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# Technical details

## Electrical Configuration

|                                       |                             |
|---------------------------------------|-----------------------------|
| Contact Termination Low voltage       | Solder                      |
| Insert configuration value            | 2P.M16 - 16 Low V.          |
| Insulator                             | L: PEEK for solder contacts |
| Rated current                         | 6 A                         |
| Test voltage (kV rms) Contact-contact | 1.5                         |
| Contact Type                          | Solder                      |
| Air clearance                         | 0.47 mm                     |
| Creepage distance                     | 0.47 mm                     |
| Bucket Dia.                           | 0.8 mm (0.031in)            |
| Contact Dia.                          | 0.7 mm (0.027in)            |
| Number of contacts Low Voltage        | 16                          |
| Wire Size/AWG                         | 30 - 22                     |
| Gender                                | Standard                    |

## Form & Material

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Shell style / Model id | CA - Straight plug with cable collet                                         |
| Plug                   | Straight                                                                     |
| Housing material       | PSU (Polysulfone), gray                                                      |
| Locking system         | Push-pull                                                                    |
| Keying                 | 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts) |
| Weight                 | 8.89 g                                                                       |

## Environment

|                                   |                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50                                                                                    |
| Temperature range                 | -50°C / +150°C                                                                          |
| F ret (max)                       | 250 N                                                                                   |
| F ret (min)                       | 150 N                                                                                   |
| Steam sterilization               | 20 times (with potting on rear connection)                                              |

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Cable fixation

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm                               |

Drawings



Recommended By Lemo

Accessories

Tools

Cables

| Cable PartNumber   | Material      | Colour | Cable image |
|--------------------|---------------|--------|-------------|
| CMN.16.T30.047QGZE | TPR (medical) | Grey   |             |
| 16050              | PVC           | Black  |             |