



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

|                                    |                              |
|------------------------------------|------------------------------|
| 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)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# Technical details

## Electrical Configuration

|                                 |                             |
|---------------------------------|-----------------------------|
| Number of contacts Low Voltage  | 16                          |
| Contact Termination Low voltage | Solder                      |
| Insert configuration value      | 2P.M16 - 16 Low V.          |
| Insulator                       | L: PEEK for solder contacts |
| Rated current                   | 5 A                         |
| Test voltage contact-contact    | 1.63 (kV DC)                |
| Air clearance                   | 0.65 mm                     |
| Creepage distance               | 0.65 mm                     |
| Bucket Dia.                     | 0.8 mm (0.031in)            |
| Contact Dia.                    | 0.7 mm (0.027in)            |
| 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), grey                                                         |
| Locking system         | Push-pull                                                                       |
| Keying                 | B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts) |
| Colour                 | Grey                                                                            |
| Weight                 | 8.89 g                                                                          |

## Environment

|                                   |                                                                                                                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV                                                                                                             |
| Environmental sealing (IP rating) | IP50                                                                                                                                                                                                |
| Endurance                         | >1000 mating cycles                                                                                                                                                                                 |
| Temperature range                 | -50°C / +150°C                                                                                                                                                                                      |
| F ret (max)                       | 250 N                                                                                                                                                                                               |
| F ret (min)                       | 150 N                                                                                                                                                                                               |
| Steam sterilization               | Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us. |

[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)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## 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                               |

## Cables

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

[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)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.