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## Summary

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|                                    |                              |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage     | 3                            |
| Gender                             | Standard                     |
| Plug                               | Plug - Straight              |
| Locking system                     | Push-pull                    |
| Jacket cable outside diameter [mm] | 7.30 - 9.20 mm               |
| Size                               | 2P                           |
| Suggested matching part            | <a href="#">CKB.M03.GYMG</a> |
| Series                             | REDEL P - Push-Pull          |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cab-m03-gyc-c92g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m03-gyc-c92g.html)

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# Technical details

## Electrical Configuration

|                                 |                            |
|---------------------------------|----------------------------|
| Number of contacts Low Voltage  | 3                          |
| Contact Termination Low voltage | Crimp                      |
| Insert configuration value      | 2P.M03 - 3 Low V.          |
| Insulator                       | Y: PEEK for crimp contacts |
| Rated current                   | 17 A                       |
| Test voltage contact-contact    | 3.39 (kV DC)               |
| Air clearance                   | 1.5 mm                     |
| Creepage distance               | 1.5 mm                     |
| 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                 | 9.56 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-m03-gyc-c92g.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m03-gyc-c92g.html)

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## Cable fixation

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 7.30 - 9.20 mm                               |

# Recommended By Lemo

## Accessories

|                     |                                |
|---------------------|--------------------------------|
| Replacement contact | <a href="#">FGG.2B.570.ZZC</a> |
|---------------------|--------------------------------|

## Tools

|                 |                                 |
|-----------------|---------------------------------|
| Positionner     | <a href="#">DCE.91.162.BVCM</a> |
| Extraction tool | <a href="#">DCC.16.25B.LAG</a>  |
| Crimp tool      | <a href="#">DPC.91.101.A</a>    |

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