

[Standard](#)

*Image for illustrative purpose only*

## Summary

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|                                    |                              |
|------------------------------------|------------------------------|
| Number of contacts Low Voltage     | 4                            |
| Wire Size/AWG                      | 28 - 20                      |
| 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.M04.GLLG</a> |
| Series                             | REDEL P - Push-Pull          |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cab-m04-gla-c52gz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m04-gla-c52gz.html)

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# Technical details

## Electrical Configuration

|                                 |                             |
|---------------------------------|-----------------------------|
| Number of contacts Low Voltage  | 4                           |
| Contact Termination Low voltage | Solder                      |
| Insert configuration value      | 2P.M04 - 4 Low V.           |
| Insulator                       | L: PEEK for solder contacts |
| Rated current                   | 15 A                        |
| Test voltage contact-contact    | 2.62 (kV DC)                |
| Air clearance                   | 1.8 mm                      |
| Creepage distance               | 1.8 mm                      |
| Bucket Dia.                     | 1.1 mm (0.043 in)           |
| Contact Dia.                    | 1.3 mm (0.051 in)           |
| Wire Size/AWG                   | 28 - 20                     |
| Gender                          | Standard                    |

## Form & Material

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Shell style / Model id | CA - Straight plug with cable collet and nut for fitting a bend relief          |
| 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                 | 8.56 g                                                                          |

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## 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               | Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us. |

## Cable fixation

|                                    |                       |
|------------------------------------|-----------------------|
| Cable termination protection       | For cable bend relief |
| Fixation type                      | Cable collet          |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm        |

# Recommended By Lemo

## Bend Reliefs

|                               |                               |                               |
|-------------------------------|-------------------------------|-------------------------------|
| <a href="#">GMA.2B.045.RG</a> | <a href="#">GMA.2B.045.RA</a> | <a href="#">GMA.2B.045.RB</a> |
| <a href="#">GMA.2B.045.RJ</a> | <a href="#">GMA.2B.045.RM</a> | <a href="#">GMA.2B.045.RN</a> |
| <a href="#">GMA.2B.045.RR</a> | <a href="#">GMA.2B.045.RS</a> | <a href="#">GMA.2B.045.RV</a> |

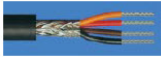
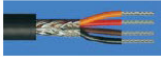
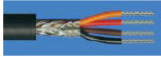
## Tools

|         |                               |
|---------|-------------------------------|
| Spanner | <a href="#">DCP.91.023.TN</a> |
|---------|-------------------------------|

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# Cables

| Cable PartNumber   | Material      | Colour | Cable image                                                                           |
|--------------------|---------------|--------|---------------------------------------------------------------------------------------|
| CMN.04.T22.047QGC  | TPR           | Grey   |                                                                                       |
| CMN.04.T22.048QGZE | TPR (medical) | Grey   |    |
| 140240             | PVC           | Black  |    |
| 140250             | PVC           | Grey   |    |
| 40080              | PVC           | Black  |                                                                                       |
| 40086              | PVC           | Blue   |                                                                                       |
| 40140              | PVC           | Black  |    |
| 40240              | PTFE          | White  |    |
| 40260              | PVC           | Black  |   |
| 4080               | PVC           | Grey   |                                                                                       |
| 4221               | PVC           | Black  |  |
| 4260               | PTFE          | White  |  |
| 4280               | PVC           | Black  |  |
| 80080              | PVC           | Grey   |                                                                                       |
| 80082              | PVC           | Red    |                                                                                       |
| 80084              | PVC           | Black  |                                                                                       |

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