

[Standard](#)

*Image for illustrative purpose only*

## 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] | 5.30 - 7.20 mm                                                    |
| Size                               | 2P                                                                |
| Suggested matching part            | <a href="#">CNB.M16.GYMG</a><br><a href="#">CSB.M16.GYM.C72GZ</a> |
| Series                             | REDEL P - Push-Pull                                               |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cfb-m16-gyc-c72gz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cfb-m16-gyc-c72gz.html)

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# Technical details

## Electrical Configuration

|                                 |                            |
|---------------------------------|----------------------------|
| Number of contacts Low Voltage  | 16                         |
| Contact Termination Low voltage | Crimp                      |
| Insert configuration value      | 2P.M16 - 16 Low V.         |
| Insulator                       | Y: PEEK for crimp 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                        |
| Contact Dia.                    | 0.7                        |
| Wire Size/AWG                   | 30 - 22                    |
| Gender                          | Standard                   |

## Form & Material

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| Shell style / Model id | CF - Straight plug with cable collet, watertight (IP 66) 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                 | 9.95 g                                                                                     |

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## Environment

|                                   |                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV                                                                                                                                        |
| Environmental sealing (IP rating) | IP66                                                                                                                                                                                                                           |
| 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] | 5.30 - 7.20 mm        |

# Recommended By Lemo

## Contacts

|                     |                                |
|---------------------|--------------------------------|
| Replacement contact | <a href="#">FGG.2B.555.ZZC</a> |
|---------------------|--------------------------------|

## Bend Reliefs

|                               |                               |                               |
|-------------------------------|-------------------------------|-------------------------------|
| <a href="#">GMA.2B.063.RG</a> | <a href="#">GMA.2B.063.RA</a> | <a href="#">GMA.2B.063.RB</a> |
| <a href="#">GMA.2B.063.RJ</a> | <a href="#">GMA.2B.063.RM</a> | <a href="#">GMA.2B.063.RN</a> |
| <a href="#">GMA.2B.063.RR</a> | <a href="#">GMA.2B.063.RS</a> | <a href="#">GMA.2B.063.RV</a> |

## Tools

|             |                                |
|-------------|--------------------------------|
| Spanner     | <a href="#">DCP.91.023.TN</a>  |
| Positionner | <a href="#">DCE.91.072.BVC</a> |
| Crimp tool  | <a href="#">DPC.91.701.V</a>   |

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# Cables

| Cable PartNumber   | Material | Colour | Cable image                                                                         |
|--------------------|----------|--------|-------------------------------------------------------------------------------------|
| CMN.16.T28.059PGZE |          | grey   |  |
| CMN.16.T28.059PNZE |          |        |  |
| CMN.16.T28.070NNZZ |          |        |                                                                                     |
| 116080             | PUR      | Black  |                                                                                     |
| 116280             | PVC      | Black  |  |
| 216260             | PVC      | Black  |  |

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