



*Image for illustrative purpose only*

## Summary

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[P series catalog](#)

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Number of contacts Low Voltage     | 2                                 |
| Wire Size/AWG                      | 22 - 14                           |
| Gender                             | Standard                          |
| Socket / Receptacle                | Socket / Receptacle - Free        |
| Locking system                     | Push-pull                         |
| Jacket cable outside diameter [mm] | 5.30 - 7.20 mm                    |
| Size                               | 2P                                |
| Suggested matching part            | <a href="#">CFB.M02.GLA.C72GZ</a> |
| Series                             | REDEL P - Push-Pull               |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/csb-m02-gll-c72gz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/csb-m02-gll-c72gz.html)

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# Technical details

## Electrical Configuration

|                                 |                             |
|---------------------------------|-----------------------------|
| Number of contacts Low Voltage  | 2                           |
| Contact Termination Low voltage | Solder                      |
| Insert configuration value      | 2P.M02 - 2 Low V.           |
| Insulator                       | L: PEEK for solder contacts |
| Rated current                   | 30 A                        |
| Test voltage contact-contact    | 2.97 (kV DC)                |
| Air clearance                   | 1.6 mm                      |
| Creepage distance               | 1.6 mm                      |
| Bucket Dia.                     | 1.8 mm (0.070in)            |
| Contact Dia.                    | 2.0 mm (0.078in)            |
| Wire Size/AWG                   | 22 - 14                     |
| Gender                          | Standard                    |

## Form & Material

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Shell style / Model id | CS - Free receptacle with cable collet, watertight (IP 66) and nut for fitting a bend relief |
| Socket / Receptacle    | Free                                                                                         |
| 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                 | 10.94 g                                                                                      |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/csb-m02-gll-c72gz.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/csb-m02-gll-c72gz.html)

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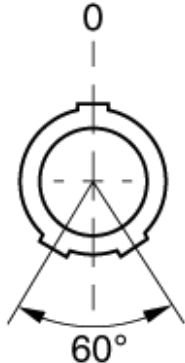
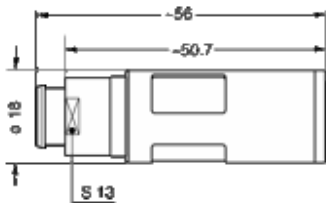
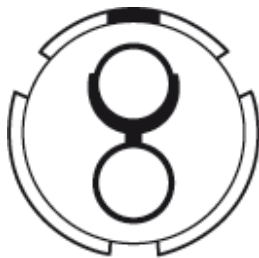
Environment

|                                   |                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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        |

Drawings



Dimensions









|     | A    | L   |
|-----|------|-----|
| mm. | 18   | 56  |
| in. | 0.71 | 2.2 |

# Recommended By Lemo

## Tools

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

## Cables

| Cable PartNumber   | Material      | Colour | Cable image                                                                           |
|--------------------|---------------|--------|---------------------------------------------------------------------------------------|
| CMN.02.T14.072PGZE |               | grey   |    |
| CMN.02.T14.072PNZE |               | black  |    |
| CMN.02.T14.072QGZE | TPR (medical) | Grey   |    |
| CMN.02.T18.064UNCU |               |        |                                                                                       |
| 102080             | PVC           | Grey   |                                                                                       |
| 120184             | PVC           | Black  |    |
| 120500             | PVC           | Grey   |   |
| 120751             | PVC           | Grey   |  |
| 220151             | PVC           | Grey   |  |
| 220750             | PVC           | Grey   |  |