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Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 16 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 15.60 mm |
| Size | 2P |
| Suggested matching part | CAB.M16.GLA.C52G |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clb-m16-gllg.html

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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 | CL - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| 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 | 6.54 g |

Environment

| | |
|-----------------------------------|--|
| Technical domain | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | >5000 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. |

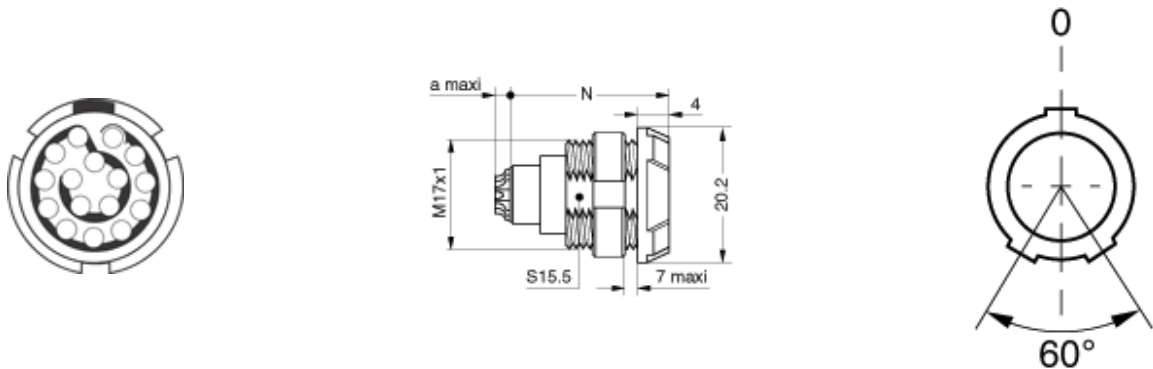
https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clb-m16-gllg.html

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Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 15.60 mm |
|------------------------------------|-----------------|







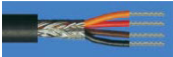



Drawings



Dimensions

| | N | a |
|-----|------|---------|
| mm. | 23.8 | 3.4-4.9 |
| in. | 0.94 | |

Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.16.T22.076QGZE | TPR (medical) | Grey |  |
| CMN.16.T28.059PGZE | | grey |  |
| CMN.16.T28.059PNZE | | |  |
| CMN.16.T28.070NNZZ | | | |
| CMN.16.T30.047QGZE | TPR (medical) | Grey |  |
| 116080 | PUR | Black | |
| 116280 | PVC | Black |  |
| 16050 | PVC | Black |  |
| 216220 | PVC | Black |  |
| 216240 | PVC | Black |  |
| 216260 | PVC | Black |  |
| 316250 | PVC | Grey |  |

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