



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|----------------------------|
| Number of contacts Low Voltage | 10 |
| Wire Size/AWG | 30 - 22 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 3.20 - 5.20 mm |
| Size | 2P |
| Series | REDEL P - Push-Pull |

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/csc-m10-gll-c52nz.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|-----------------------------|
| Number of contacts Low Voltage | 10 |
| Contact Termination Low voltage | Solder |
| Insert configuration value | 2P.M10 - 10 Low V. |
| Insulator | L: PEEK for solder contacts |
| Rated current | 8 A |
| Test voltage contact-contact | 2.05 (kV DC) |
| Air clearance | 0.75 mm |
| Creepage distance | 0.75 mm |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.9 mm (0.035in) |
| Wire Size/AWG | 30 - 22 |
| 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 | C: 3 keys (alpha=0, gamma=100, Plug: male contacts, Receptacle: female contacts) |
| Colour | Grey - Black |
| Weight | 10.45 g |

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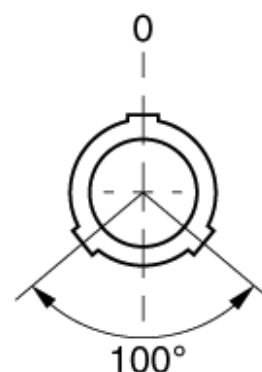
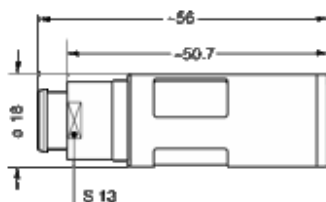
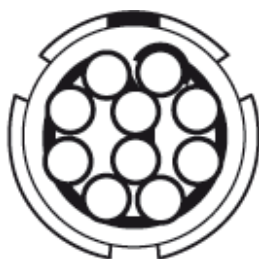
Environment

| | |
|-----------------------------------|---|
| 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 | 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. |

Cable fixation

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

Drawings



Dimensions

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

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|----------|--------|---|
| CMN.10.T28.052PGZE | | grey |  |
| CMN.10.T28.052PNZE | | |  |
| 110260 | PTFE | White |  |