



Image for illustrative purpose only

Summary

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r series

| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 3 |
| Number of contacts High Voltage | 8 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 9.20 mm |
| Size | 1R |
| Suggested matching part | FGG.1R.703.GLC8192 |

https://www.lemo.com/int_en/egg-1r-703-glm81.html

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Technical details

Electrical Configuration

| | |
|---|------------------------------|
| Number of contacts Low Voltage | 3 |
| Contact Termination Low voltage | Crimp |
| Number of contacts High Voltage | 8 |
| Contact Termination High voltage | Crimp |
| Insert configuration value | 1R.703 - 8 High V., 3 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | HV:2.0 / LV:3.5 A |
| High Voltage: Test voltage (kV rms) Contact-contact | 7.5 |
| Low Voltage: Test voltage (kV rms) Contact-contact | 1.5 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EGG - Fixed receptacle, key (G) or key (A) |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Crastin® PBT (Polybutylene terephthalate), grey |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=50,beta=30, plug: male contacts, receptacle: female contacts) |
| Weight | 20.89 g |

Environment

| | |
|-----------------------------------|-----------------|
| Environmental sealing (IP rating) | IP50 |
| Temperature range | -30°C / +150° C |

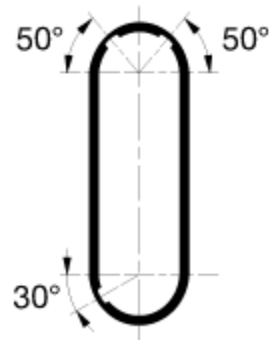
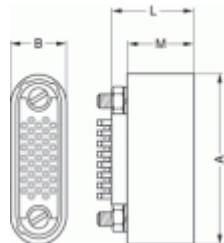
Cable fixation

| | |
|------------------------------------|----------------|
| Jacket cable outside diameter [mm] | 2.00 - 9.20 mm |
|------------------------------------|----------------|

Drawings

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Dimensions

| | A | B | L | M |
|-----|----------|----------|----------|----------|
| mm. | 37 | 12.5 | 18 | 14.5 |
| in. | 1.46 | 0.49 | 0.71 | 0.57 |

Recommended By Lemo

Accessories

Replacement contact [EGG.0B.660.ZZM](#)

Tools

Positionner [DCE.91.090.BVM](#)

Extraction tool [DCC.09.05B.LAG](#)

Extraction tool 2 [DCC.91.C0R.LAG](#)

Crimp tool [DPC.91.701.V](#)

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