



*Image for illustrative purpose only*

## Summary

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[r series](#)

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| Number of contacts Low Voltage     | 65                                              |
| Wire Size/AWG                      | 32 - 28                                         |
| 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            | <a href="#">FGG.1R.365.GLC92</a>                |

[https://www.lemo.com/int\\_en/ebg-1r-365-glm.html](https://www.lemo.com/int_en/ebg-1r-365-glm.html)

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# Technical details

## Electrical Configuration

|                                       |                           |
|---------------------------------------|---------------------------|
| Number of contacts Low Voltage        | 65                        |
| Contact Termination Low voltage       | Crimp                     |
| Insert configuration value            | 1R.365 - 65 low voltage   |
| Insulator                             | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                         | 0.5 A                     |
| Test voltage (kV rms) Contact-contact | 0.6                       |
| Contact Dia.                          | 0.5                       |
| Wire Size/AWG                         | 32 - 28                   |

## Form & Material

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| Shell style / Model id | EBG - Fixed receptacle, key (G) or key (A) with visible shell               |
| 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                 | 16.86 g                                                                     |

## Environment

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

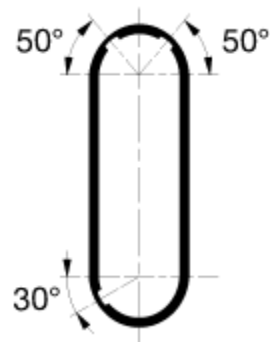
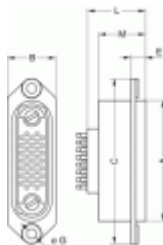
## Cable fixation

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

# Drawings

[https://www.lemo.com/int\\_en/ebg-1r-365-glm.html](https://www.lemo.com/int_en/ebg-1r-365-glm.html)

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## Dimensions

|     | A    | B    | C    | E    | G    | L    | M    |
|-----|------|------|------|------|------|------|------|
| mm. | 37   | 15   | 51   | 4.5  | 3.2  | 19.5 | 14.5 |
| in. | 1.46 | 0.59 | 2.01 | 0.18 | 0.13 | 0.77 | 0.57 |

## Recommended By Lemo

### Accessories

Replacement contact [EGG.00.654.ZZM](#)

### Tools

Positionner [DCE.91.051.BVM](#)

Extraction tool [DCC.05.02B.LAG](#)

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

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