



*Image for illustrative purpose only*

## Summary

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[r series](#)

|                                    |                 |
|------------------------------------|-----------------|
| Number of contacts Low Voltage     | 13              |
| Wire Size/AWG                      | 32 - 28         |
| Plug                               | Plug - Straight |
| Locking system                     | Push-pull       |
| Jacket cable outside diameter [mm] | 1.00 - 4.00 mm  |
| Size                               | RR              |

[https://www.lemo.com/int\\_en/fgg-rr-313-alc40.html](https://www.lemo.com/int_en/fgg-rr-313-alc40.html)

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# Technical details

## Electrical Configuration

|                                       |                           |
|---------------------------------------|---------------------------|
| Number of contacts Low Voltage        | 13                        |
| Contact Termination Low voltage       | Crimp                     |
| Insert configuration value            | RR.313 - 13 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 | FGG - Straight plug, key (G) or key (A), with cable collet                  |
| Plug                   | Straight                                                                    |
| Housing material       | Crastin® PBT (Polybutylene terephthalate), blue                             |
| Locking system         | Push-pull                                                                   |
| Keying                 | 3 keys (alpha=50,beta=30, plug: male contacts, receptacle: female contacts) |
| Weight                 | 3.77 g                                                                      |

## Environment

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

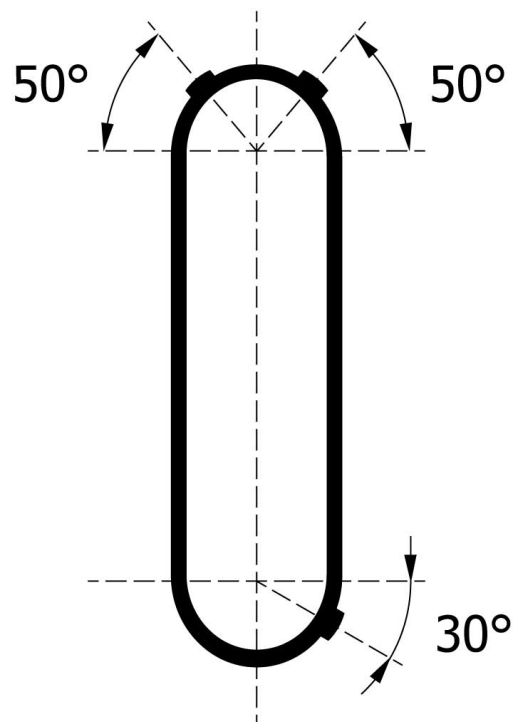
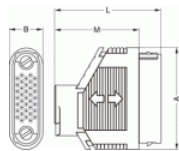
## Cable fixation

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 1.00 - 4.00 mm                               |

# Drawings

[https://www.lemo.com/int\\_en/fgg-rr-313-alc40.html](https://www.lemo.com/int_en/fgg-rr-313-alc40.html)

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## Dimensions

|     | A    | B    | L    | M    |
|-----|------|------|------|------|
| mm. | 18   | 6    | 21.5 | 17   |
| in. | 0.71 | 0.24 | 0.85 | 0.67 |

## Recommended By Lemo

### Contacts

Replacement contact [FGG.00.554.ZZC](#)

### Tools

Positionner [DCE.91.050.0VC](#)

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

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

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