



Summary

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| | |
|------------------------------------|------------------------------------|
| Coax | 8 |
| Number of contacts Low Voltage | 3 |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 2.00 - 9.20 mm |
| Size | 1R |
| Matching parts | FGG.1R.803.GLC8192 |

Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------------|
| Contact Termination Low voltage | Crimp |
| Coax | 8 |
| Insert configuration value | 1R.803 - 8 Coax (50 Ohm), 3 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 3 Amps |
| Impedance | 50 |
| Test voltage (kV rms) | 1.5 |
| Number of contacts Low Voltage | 3 |

https://www.lemo.com/int_en/phg-1r-803-glm8192.html

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Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PHG - Free receptacle, cable collet key (G) or key (A), with cable collet |
| Socket / Receptacle | Free |
| Housing material | Crastin® PBT (Polybutylene terephthalate), gray |
| Locking system | Push-pull |
| Keying | 3 keys (alpha=50,beta=30, plug: male contacts, receptacle: female contacts) |
| Weight | 26.8 g |

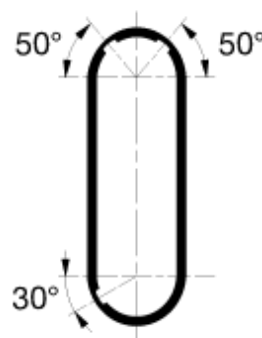
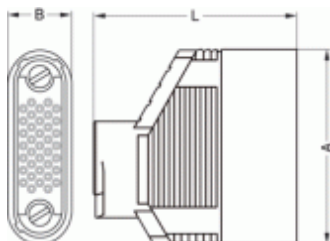
Environment

| | |
|--------------------------------------|------|
| Environmental protection (IP rating) | IP50 |
|--------------------------------------|------|

Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 2.00 - 9.20 mm |

Drawings



Dimensions

| | A | B | L |
|-----|----------|----------|----------|
| mm. | 37 | 12.5 | 39 |
| in. | 1.46 | 0.49 | 1.54 |

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