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## Summary

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Number of contacts Low Voltage	3
Nb of contacts Coax	8
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 9.20 mm
Size	1R
Suggested matching part	<a href="#">FGG.1R.803.GLC8192</a>

[https://www.lemo.com/int\\_en/phg-1r-803-glm8192.html](https://www.lemo.com/int_en/phg-1r-803-glm8192.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
Nb of contacts 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 A
Impedance	50
Test voltage (kV rms)	1.5

## 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), grey
Locking system	Push-pull
Keying	3 keys (alpha=50,beta=30, plug: male contacts, receptacle: female contacts)
Weight	29.26 g

## Environment

Environmental sealing (IP rating)	IP50
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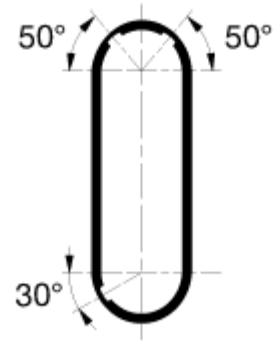
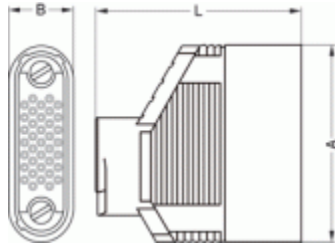
## Cable fixation

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

# Drawings

[https://www.lemo.com/int\\_en/phg-1r-803-glm8192.html](https://www.lemo.com/int_en/phg-1r-803-glm8192.html)

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## Dimensions

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

## 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](#)

Crimp Tool 2 [DPE.99.003.1K](#)

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