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Summary

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Number of contacts Low Voltage	3
Number of contacts High Voltage	8
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 9.20 mm
Size	1R

https://www.lemo.com/int_en/fgg-1r-703-glc8192.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	FGG - Straight plug, key (G) or key (A), with cable collet
Plug	Straight
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	24.57 g

Environment

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

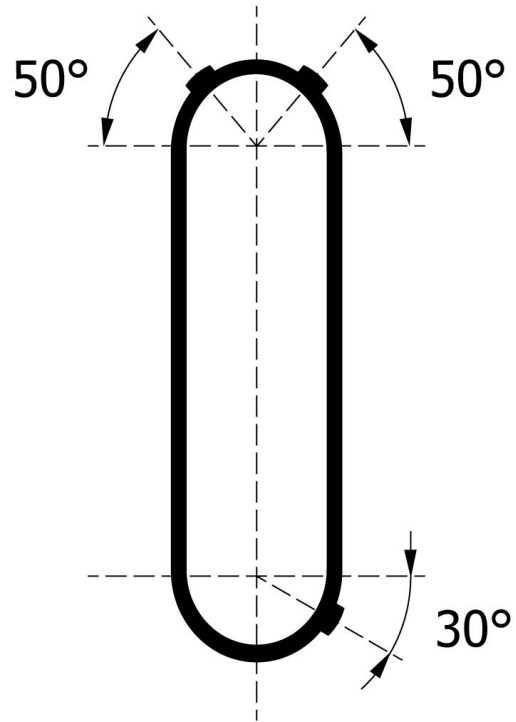
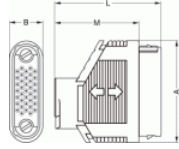
Cable fixation

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

Drawings

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Dimensions

	A	B	L	M
mm.	37	12.5	39	31
in.	1.46	0.49	1.54	1.22

Recommended By Lemo

Tools

Positionner	DCE.91.090.BVC
Extraction tool	DCC.09.05B.LAG
Extraction tool 2	DCC.91.C0R.LAG
Crimp tool	DPC.91.701.V

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