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Summary

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Number of contacts Low Voltage	68
Gender	Standard
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.40 - 24.20 mm
Size	LF
Suggested matching part	FGW.LF.368.XLC
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/phw-lf-368-xlm.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	68
Contact Termination Low voltage	Crimp
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 A
Gender	Standard

Form & Material

Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	41.76 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Endurance	1000 mating cycles
Temperature range	-15°C / +200°C
Climatical Category	15/200/21 (Aluminium shell)
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	max. 48 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Jacket cable outside diameter [mm]	7.40 - 24.20 mm

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Recommended By Lemo

Accessories

Compatible cap	BRF.LF.200.XAV
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Tools

Positionner	DCE.91.072.BVM
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Extraction tool	DCF.93.070.4LT
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Crimp tool	DPC.91.701.V
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