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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 14.00 mm
Size	2F
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/fgs-2f-304-yly.html

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Technical details

Electrical Configuration

Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Contact Type	Special
Contact Dia.	1.3
Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug
Plug	Straight
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces beryllium copper
Locking system	Push-pull
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Weight	13.42 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Endurance	500 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]

Cable fixation

Cable termination protection	Heatshrink
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 14.00 mm

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Recommended By Lemo

Accessories

Replacement contact [FGN.1F.565.ZZC](#)

Compatible cap [BFG.2F.100.XAZ](#)

Tools

Positionner 2 [DCE.91.131.FVM](#)

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