



Image for illustrative purpose only

Summary

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Nb of contacts Fiber optic	2
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-93b-ylm.html

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Technical details

Electrical Configuration

Nb of contacts Fiber optic	2
Contact Termination Fiber optic	Crimp
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Crimp
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	12.92 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Temperature range	-40°C / +85°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]

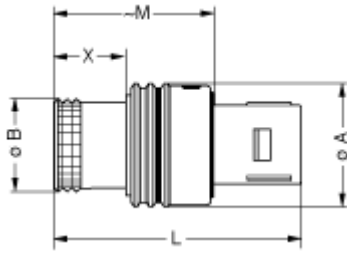
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 14.00 mm

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Drawings



Dimensions

	M	A	B	L	X
mm.	17.9	17	14	27.8	8
in.	0.7	0.67	0.55	1.09	0.31

Recommended By Lemo

Accessories

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

Tools

Crimp tool [DPC.91.701.V](#)

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