



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-03a-xlzt56z.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/fgs-2f-03a-xlzt56z.html)

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# Technical details

## Electrical Configuration

Nb of contacts Fiber optic	2
Insulator	L: PEEK (UL 94 / V-0/1.5)
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 bronze/brass
Locking system	Push-pull
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

## 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]
Salt Spray Corrosion	max. 48 hr

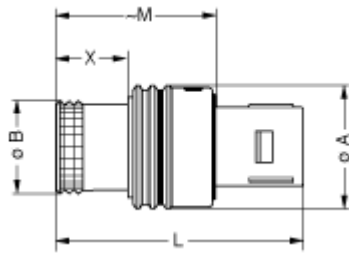
## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	5.30 - 14.00 mm

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# Drawings



## Dimensions

	<b>M</b>	<b>A</b>	<b>B</b>	<b>L</b>	<b>X</b>
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](#)

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