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## Summary

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Number of contacts Low Voltage	68
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.40 - 24.20 mm
Size	LF
Suggested matching part	<a href="#">FGW.LF.368.XLC</a>
Series	F - Rugged Push-Pull

[https://www.lemo.com/int\\_en/solutions/optima/f-rugged-push-pull/pew-lf-368-xlm.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/pew-lf-368-xlm.html)

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# Technical details

## Electrical Configuration

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

## Form & Material

Shell style / Model id	PE - Straight receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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

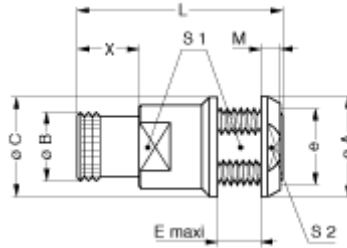
[https://www.lemo.com/int\\_en/solutions/optima/f-rugged-push-pull/pew-1f-368-xlm.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/pew-1f-368-xlm.html)

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## Cable fixation

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

## Drawings



## Dimensions

	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>C</b>	<b>B</b>	<b>e</b>	<b>A</b>	<b>X</b>
mm.	6.4	32.2	5	25	28	32	24.2	M27x1.0	32	8
in.	0.25	1.27	0.2	0.98	1.1	1.26	0.95		1.26	0.31

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