



*Image for illustrative purpose only*

## Summary

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Nb of contacts Coax	4
Gender	Standard
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	4W
Series	W - Underwater

[https://www.lemo.com/int\\_en/solutions/supreme/w-underwater/fvg-4w-244-clcc111.html](https://www.lemo.com/int_en/solutions/supreme/w-underwater/fvg-4w-244-clcc111.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	4
Contact Termination Coax - Conductor fixing	Crimp
Contact Termination Coax - Screen fixing	Crimp
R (max)	5.8 mOhm
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Contact Dia.	0.7 mm (0.028in)
Gender	Standard

## Form & Material

Shell style / Model id	FV - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Threaded
Keying	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	163.41 g

## Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	30 bars
Salt Spray Corrosion	>1000 hr

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

Drawings



Dimensions

	A	B	L	M	N	S1	S3
mm.	34.3	22.0	71.5	57.5	17.5	32	19
in.	1.35	0.87	2.81	2.26	0.69	1.26	0.75

Recommended By Lemo

Accessories

Compatible cap	<a href="#">BFG.4W.100.NAZ</a>
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