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## Summary

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Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	2.60 - 3.00 mm
Size	1V

[https://www.lemo.com/int\\_en/fvn-1v-405-ctlc30.html](https://www.lemo.com/int_en/fvn-1v-405-ctlc30.html)

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# Technical details

## Form & Material

Shell style / Model id	FVN - 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	Circular, female
Colour	Grey

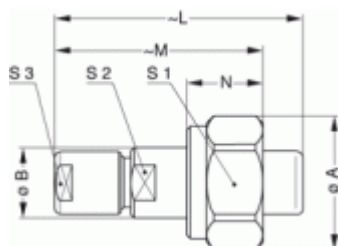
## Environment

Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +200°C
Climatical Category	20/200/21
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	30 bars
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.60 - 3.00 mm

## Drawings



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## Dimensions

	<b>A</b>	<b>B</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	19.3	12	43	35	14	18	10	9
in.	0.76	0.47	1.69	1.38	0.55	0.71	0.39	0.35

## Recommended By Lemo

### Accessories

Compatible cap [BFA.1V.100.NAZ](#)

### Tools

Spanner [DCP.91.001.TN](#)

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