



## Summary

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Low Voltage	4
High Voltage	1
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	7.60 - 8.00 mm
Size	3V
Matching parts	<a href="#">EVP.3V.704.CLL</a>

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	3V.704 - 1 High V. 4 Low V.
Contact Type	Solder
Low Voltage	4
High Voltage	1

[https://www.lemo.com/int\\_en/fvn-3v-704-clac80.html](https://www.lemo.com/int_en/fvn-3v-704-clac80.html)

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## 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	Hermaphroditic keying (half moon insert) with male pin 1
Weight	90.9 g

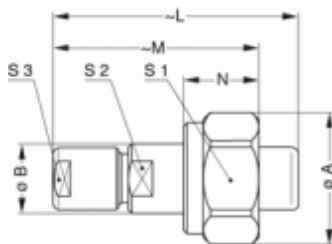
## Environment

Environmental protection (IP rating)	IP68
Minimal temperature	-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]	7.60 - 8.00 mm

## Drawings



## Dimensions

	A	B	L	M	N	S1	S2	S3
mm.	27.8	18	61	47	16.5	26	16	15
in.	1.09	0.71	2.4	1.85	0.65	1.02	0.63	0.59

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