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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	32 - 24
Plug	Plug - Straight
Locking system	Threaded
Jacket cable outside diameter [mm]	3.10 - 3.50 mm
Size	0V
Suggested matching part	EVP.0V.304.CLL

https://www.lemo.com/int_en/fvn-0v-304-clac35.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	0V.304 - 4 Low Voltage
Rated current	7 A
Vtest	1000 V (AC), 1500 V (DC)
Max. Solid Conductor	0.25 mm ² (AWG 24)
Max. Stranded Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.6 mm (0.024in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	32 - 24

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
Colour	Grey
Weight	20.85 g

Environment

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
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]	3.10 - 3.50 mm

Recommended By Lemo

Accessories

Compatible cap	BFA.0V.100.NAZ
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
4260	PTFE	White	

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