

Summary

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Number of contacts Low Voltage	12
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	3V

Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	3V.312 - 12 Low Voltage
Rated current	8 Amps
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.0354in)
Number of contacts Low Voltage	12

https://www.lemo.com/int_en/evp-3v-312-cln.html

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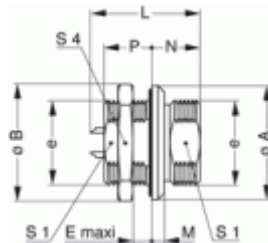
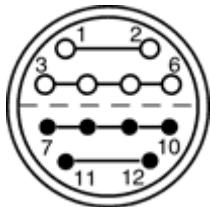
Form & Material

Shell style / Model id	EVP - Fixed socket, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
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 female pin 1
Weight	78.68 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

Drawings



Dimensions

	A	B	e	E	L	M	N	P	S1	S4
mm.	31	34	M24x1.0	15	34.5	3	9.5	20	22.5	30
in.	1.22	1.34		0.59	1.36	0.12	0.37	0.79	0.89	1.18

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