

Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	40
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	5V
Suggested matching part	FVN.5V.340.CLAC15

https://www.lemo.com/int_en/evp-5v-340-cll.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	40
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	5V.340 - 40 Low Voltage
Rated current	7 A
Vtest	1200 V (AC), 1800 V (DC)
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20

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
Colour	Grey
Weight	408.6 g

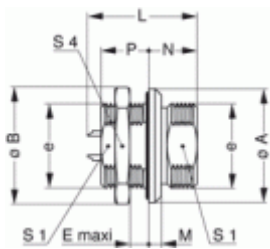
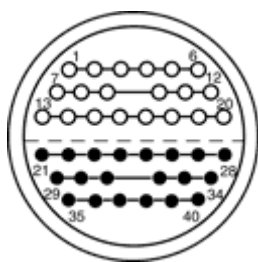
Environment

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

https://www.lemo.com/int_en/evp-5v-340-cll.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Drawings



Dimensions

	A	B	e	E	L	M	N	P	S1
mm.	55	54	M45x1.5	15.5	44.5	4.5	12.5	24.5	42.5
in.	2.17	2.13		0.61	1.75	0.18	0.49	0.96	1.67

Recommended By Lemo

Accessories

Compatible cap	BRE.5V.200.NAV
----------------	--------------------------------

Cables

Cable PartNumber	Material	Colour	Cable image
540500	PVC	Grey	