



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Coax	2
Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	3W
Suggested matching part	FVG.3W.850.CLAC701
Series	W - Underwater

https://www.lemo.com/int_en/solutions/supreme/w-underwater/evg-3w-850-cll1.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

Contact Termination Low voltage	Solder
Nb of contacts Coax	2
Contact Termination Coax	Crimp
R (max)	5.8 mOhm
Contact Type	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.	0.7 mm (0.03in)
Number of contacts Low Voltage	10
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	EV - 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	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	46.18 g

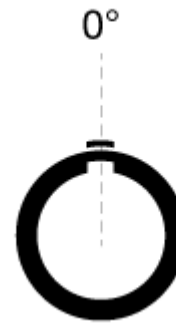
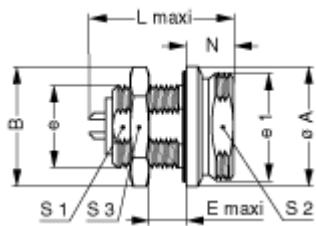
Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +200°C
Climatical Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
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/solutions/supreme/w-underwater/evg-3w-850-cl11.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	e1	E	L	N	S1	S2	S3
mm.	26.6	27	M20x1.0	M24x1.0	13	36.2	9.5	18.5	22.5	24
in.	1.05	1.06			0.51	1.43	0.37	0.73	0.89	0.94

Recommended By Lemo

Tools

Die Tool

[DPE.99.103.8K](#)

https://www.lemo.com/int_en/solutions/supreme/w-underwater/evg-3w-850-cll1.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.