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Summary

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[W series en](#)

Number of contacts Low Voltage	6
Nb of contacts Coax	1
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Panel Drill Hole	M16
Size	2W
Suggested matching part	FVG.2W.806.CLAC61Z
Series	W - Underwater

https://www.lemo.com/int_en/solutions/supreme/w-underwater/evg-2w-806-cll1.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax – Screen fixing	Collet
R (max)	3.8 mOhm
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.14 mm ² (AWG 26)
Contact Dia.	0.7 mm (0.03in)
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	25.05 g
Panel Drill Hole	M16

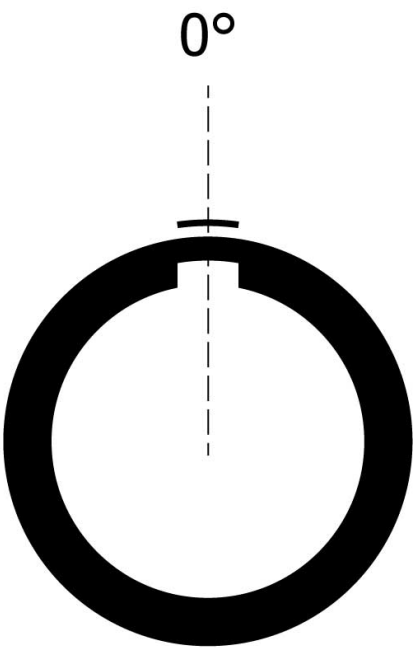
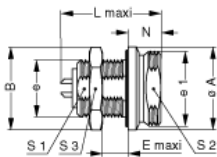
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Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +200°C (max. temperature valid for short periods of use.)
Climatic 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

Drawings



Dimensions

	A	B	e	e1	E	L	N	S1	S2	S3
mm.	22.5	21.8	M16x1.0	M20x1.0	9	30.7	9	14.5	18.5	19
in.	0.89	0.86			0.35	1.21	0.35	0.57	0.73	0.75

Recommended By Lemo

Caps

Compatible cap	BRE.2V.200.NAV
Cap 2	BRS.2W.200.CAV

Tools

Coax Tool	DCP.99.050.TC
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