



Image for illustrative purpose only

Summary

[Request a quote](#)

[W series en](#)

Number of contacts Low Voltage	10
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Panel Drill Hole	M16
Size	2W
Suggested matching part	FVA.2W.310.CLAC75
Series	W - Underwater

https://www.lemo.com/int_en/solutions/supreme/w-underwater/hva-2w-310-clnpv.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	10
Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	2W.310 - 10 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Rated current	8 A
Contact Dia.	0.9 mm (0.035in)
Gender	Standard

Form & Material

Shell style / Model id	HV - Fixed socket, nut fixing, vacuumtight
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	A: 2 keys (alpha=30, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	28.5 g
Panel Drill Hole	M16

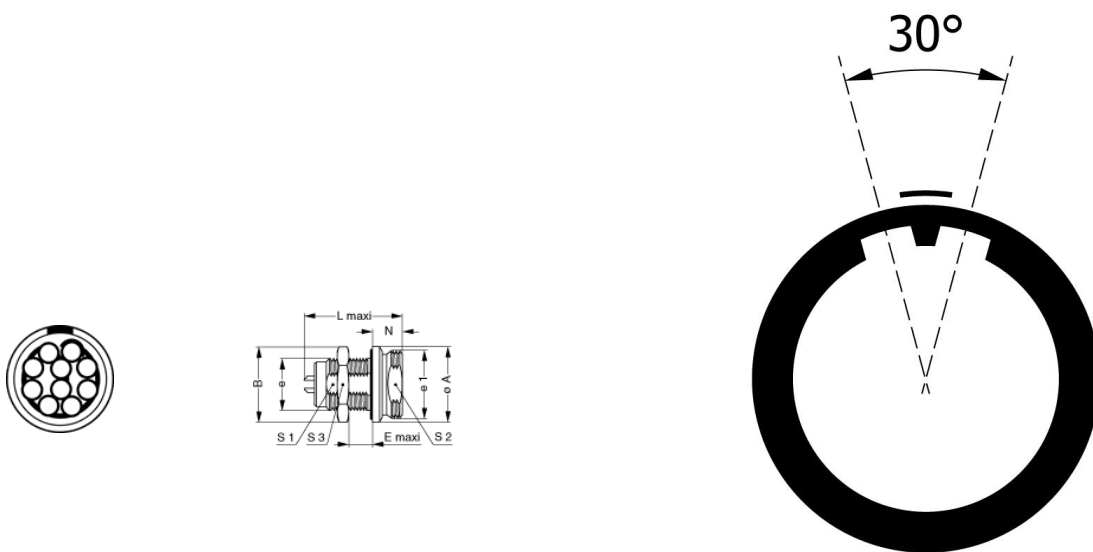
https://www.lemo.com/int_en/solutions/supreme/w-underwater/hva-2w-310-clnpv.html

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.

Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	Hermetic unmated
Endurance	1000 mating cycles
Temperature range	-20°C / +80°C
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	40 bars
R leak (He) (max)	10 ⁻⁷ mbar·l/s (if vacuum-tested)
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	12	35.8	9	14.5	18.5	19
in.	0.89	0.86			0.47	1.41	0.35	0.57	0.73	0.75

https://www.lemo.com/int_en/solutions/supreme/w-underwater/hva-2w-310-clnpv.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.

Recommended By Lemo

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