



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	19
Wire Size/AWG	24 - 24
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	2W
Suggested matching part	<a href="#">FVG.2W.319.CLAC60</a>
Series	W - Underwater

[https://www.lemo.com/int\\_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.html](https://www.lemo.com/int_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.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
R (max)	6.1 mOhm
Insert configuration value	2W.319 - 19 Low Voltage
Rated current	5 A
Vtest (contact-contact)	950 V (AC) 1300 V (DC)
Vtest (contact-shell)	1250 V (AC) 1800 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	19
Wire Size/AWG	24 - 24
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	1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	29.77 g

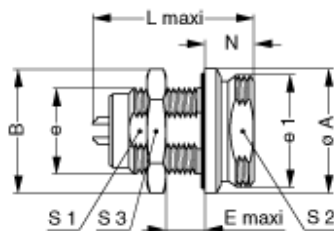
[https://www.lemo.com/int\\_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.html](https://www.lemo.com/int_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.html)

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)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +80°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	40 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	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

## Recommended By Lemo

### Accessories

Compatible cap [BRE.2V.100.NAV](#)

### Tools

[https://www.lemo.com/int\\_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.html](https://www.lemo.com/int_en/solutions/supreme/w-underwater/hvg-2w-319-cllp.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.

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.19.T22.079QGZE	TPR (medical)	Grey	