



*Image for illustrative purpose only*

## Summary

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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

# 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

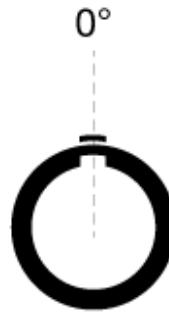
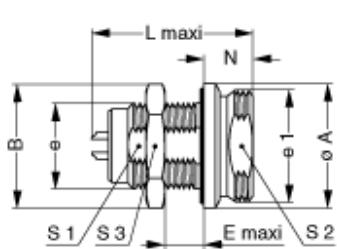
[https://www.lemo.com/int\\_en/solutions/supreme/w-underwater/hvg-2w-319-clip.html](https://www.lemo.com/int_en/solutions/supreme/w-underwater/hvg-2w-319-clip.html)

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## 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

	<b>A</b>	<b>B</b>	<b>e</b>	<b>e1</b>	<b>E</b>	<b>L</b>	<b>N</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	22.5	21.8	M16x1.0	M20x1.0	12	35.8	9	14.5	18.5	19
in.	0.89	0.86				1.41	0.35	0.57	0.73	0.75

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.2V.100.NAV</a>
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### Tools

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

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# Cables

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

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