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Summary

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Number of contacts Low Voltage	3
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	0W
Suggested matching part	FVG.0W.303.CLAC25
Series	W - Underwater

https://www.lemo.com/int_en/solutions/supreme/w-underwater/hrg-0w-303-clnp.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	0W.303 - 3 Low Voltage
Rated current	8 A
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	3
Gender	Standard

Form & Material

Shell style / Model id	HV - Fixed socket, nut fixing, hexagonal flange, 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	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	12.91 g

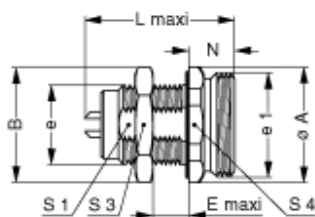
Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-20°C / +100°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	60 bars
Salt Spray Corrosion	>1000 hr

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Drawings



Dimensions

	A	B	e	e1	E	L	N	S1	S2	S4
mm.	18	16	M12x1.0	M14x1.0	5.5	24.1	8	10.5	14	17
in.	0.71	0.63			0.22	0.95	0.31	0.41	0.55	0.67

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